

A T R I A

USA · PREMIUM ITALIAN MICROCEMENT

System Certifications & Declarations

*ATRIAFLOOR Super Titanium BC microcement system — official documentation*Manufacturer: **Colorificio Atria S.r.l.** — C.da Camarro Formeca, 91028 Partanna (TP), Sicily, ITALY · Made in Italy

CE Declaration of Conformity & Declaration of Performance

EU CPR 305/2011

AVCP SYSTEM 1

Issued by Colorificio Atria S.r.l. under EU Regulation No. 305/2011 (Construction Products Regulation) for the system components:

- **Super Titanium BC** — 2-component decorative polyurethane finish (adhesion >3–3.5 MPa UNI 8298-1; compressive 32 ± 2 MPa, flexural 3.5 ± 2 MPa EN 1015-11; pull-off >2.5 N/mm² ASTM D4541; Shore D5 >65 DIN 53505)
- **Atriatfloor Rasante One** — 2-component cementitious base coat
- **Atriatfloor Consolidante** — 2-component consolidating epoxy primer
- **New Atriapol Antibacterial** — 2-component polyurethane sealer (wet abrasion >10,000 DIN 53778; pull-off >3.6 MPa EN 1542)

Antibacterial Activity

ISO 22196:2011

Tested by **3A Laboratori S.r.l.**, Maserà di Padova (Lab N° 1165 L) — test reports 20LA05883–20LA05887, 1 June 2020. Antibacterial activity (R) far exceeds the ISO 22196 threshold ($R \geq 2.0$) across six organisms:

Organism	Strain	Type	Activity R	Reduction
<i>Escherichia coli</i>	ATCC 8739	Gram –	> 5.1	99.999%
<i>Pseudomonas aeruginosa</i>	ATCC 9027	Gram –	> 5.0	99.999%
<i>Enterococcus hirae</i>	ATCC 10541	Gram +	> 5.0	99.999%
<i>Acinetobacter baumannii</i>	ATCC 19606	Gram –	> 4.1	99.992%
<i>Staphylococcus aureus</i>	ATCC 6538	Gram +	> 3.8	99.984%
MRSA (<i>S. aureus</i> , methicillin-resistant)	ATCC 33591	Gram +	> 3.5	99.968%

HACCP / Food-Contact Suitability

UNI 11021:2002

Certified by **Istituto Giordano S.p.A.** — test report No. **372231, 16 June 2020** — for coatings used in environments where food is present (D.Lgs n. 193). Verified for anti-mould action (*Aspergillus*), resistance to aggressive washing agents, and resistance to disinfection agents.

Company & Environmental

- **ISO 9001:2015** (quality management) and **ISO 14001:2015** (environmental management)
- **ReMade in Italy® certificate #1271/001** (Bureau Veritas) — recycled/sustainable content

The official stamped documents follow this page — CE Declarations of Conformity, Declarations of Performance, the ISO 22196:2011 antibacterial test report, and the HACCP certificate. Source documents are in Italian/Polish as issued; figures, standards and report numbers are international references. As of June 2026.

CRAFTED IN SICILY · DELIVERED FROM DALLAS · ATRIA-USA.COM



DEKLARACJA ZGODNOŚCI CE

1. PRODUCENT WYROBU

Colorificio Atria s.r.l c.da Camarro Formeca, 91 028 Partanna (TP), ITALIA

2. NAZWA WYROBU

SUPER TITANIUM BC

3. PRZEZNACZENIE I ZAKRES STOSOWANIA WYROBU

Bardzo wytrzymała, dwuskładnikowa żywica dekoracyjna na bazie żywic poliuretanowych do tworzenia powłok na ścianach i posadzkach wewnątrz

4. SPECYFIKACJA TECHNICZNA

Wygląd	mat
Kolor	karta kolorów Box True Cement lub kolor na zamówienie
Gęstość (Kg/Lt)	$1,650 \pm 0,05$
Lepkość nakładania 25°C	12000 +/- 3000 10 Brookfield CP
Sucha pozostałość objętościowo	$76 \pm 2\%$
Wydajność teoretyczna (gr)	1 – 1,200 kg/m ² na 2 warstwy na powierzchnię gładką
Proporcje mieszania (baza/utwardzacz)	97/3 wagowo
Pot life	3 godz. w 25°C
Grubość typowa	0,8-1 mm
Rozcieńczenie	woda, w okresach chłodnych max. 3%
Metoda aplikacji	wałek, natrysk konwencjonalny
Wysychanie w 25°C	Wilgotny w dotyku 1 – 2 h Suchy w dotyku 4 - 6 h Głęboko suchy 18 - 24 h
Możliwość szlifowania	12-18 godz. zależnie od temperatury
Nakładanie kolejnej warstwy min./max.	5 godz./ 10 dni
Możliwość chodzenia w trakcie aplikacji	6-12 godz. przy aplikacji kolejnej warstwy
Temperatura pracy	-10 °C / +120°C
Stabilność przechowywania	12 miesięcy
Opakowania standard	1 kg, 5 kg, 20 kg
Adhezja wg CLS	Po 7 dniach, MPA > 3 - 3,5 (UNI 8298 - 1)
Odporność na zginanie	Po 28 dniach, MPA $3,5 \pm 2$ (EN 1015 - 11)
Odporność na ściskanie	Po 28 dniach, MPA 32 ± 2 (EN 1015 - 11)
Tester przyczepności ASTM D 4541	> 2,5 N/mm ²
Twardość Shore 5 DIN 53505	> 65

5. WYMIENIONY POWYŻEJ WYRÓB JEST ZGODNY Z ODNOŚNYMI WYMAGANIAMI UNIJNEGO PRAWODAWSTWA HARMONIZACYJNEGO
6. NINIEJSZA DEKLARACJA ZOSTAŁA WYDANA NA WYŁĄCZNĄ ODPOWIEDZIALNOŚĆ COLORIFICIO ATRIA S.R.L ZGODNIE Z ROZPORZĄDZENIEM UE NR 305/2011

PARTANNA 23.04.2025



ATRIA

MADE IN PAINT

CE Declaration of Conformity

pursuant to EU Regulation No. 305/2011

Unofficial English translation, provided for reference. The official, legally binding document is the original issued by Colorificio Atria S.r.l. (see the preceding page(s)). All values are reproduced verbatim from the original.

1 · PRODUCT MANUFACTURER

Colorificio Atria S.r.l., C.da Camarro Formeca, 91028 Partanna (TP), ITALY

2 · PRODUCT NAME

SUPER TITANIUM BC

3 · INTENDED USE AND SCOPE

Highly durable two-component decorative coating based on polyurethane resins, for coatings on interior walls and floors.

4 · TECHNICAL SPECIFICATION

Appearance	matt
Colour	Box True Cement colour chart, or custom colour to order
Density (kg/L)	1.650 ± 0.05
Application viscosity (25°C)	12000 ± 3000 Brookfield CP
Dry residue by volume	76 ± 2%
Theoretical yield	1–1.2 kg/m ² over 2 coats on a smooth surface
Mixing ratio (base/hardener)	97/3 by weight
Pot life	3 h at 25°C
Typical thickness	0.8–1 mm
Dilution	water; max 3% in cold periods
Application method	roller, conventional spray
Drying at 25°C	tack-free 1–2 h · dry to touch 4–6 h · deep dry 18–24 h
Sandable after	12–18 h depending on temperature
Recoat interval (min/max)	5 h / 10 days
Walkable during application	6–12 h before the next coat
Operating temperature	-10°C / +120°C
Storage stability	12 months
Standard packaging	1 kg, 5 kg, 20 kg

Declared performance (tested values)

Property	Value (standard)
Adhesion (CLS)	> 3–3.5 MPa after 7 days (UNI 8298-1)

Property	Value (standard)
Flexural strength	3.5 ± 2 MPa after 28 days (EN 1015-11)
Compressive strength	32 ± 2 MPa after 28 days (EN 1015-11)
Pull-off adhesion	> 2.5 N/mm ² (ASTM D4541)
Hardness Shore D5	> 65 (DIN 53505)

The product identified above complies with the relevant requirements of the applicable EU harmonised legislation. This declaration is issued under the sole responsibility of Colorificio Atria S.r.l. in accordance with EU Regulation No. 305/2011.

Partanna, 23 April 2025 · Colorificio Atria S.r.l.



DEKLARACJA ZGODNOŚCI CE

1. PRODUCENT WYROBU

Colorificio Atria s.r.l c.da Camarro Formeca, 91 028 Partanna (TP), ITALIA

2. NAZWA WYROBU

ATRIAFLOOR RASANTE ONE

3. PRZEZNACZENIE I ZAKRES STOSOWANIA WYROBU

Cementowa dwuskładnikowa masa wygładzająca True Cement wypełniająca i standaryzująca powierzchnie wewnętrzne

4. SPECYFIKACJA TECHNICZNA

Wygląd	baza płynna (żywica terpoliakrylowa, kruszywa)
Kolor	baza stała (mieszanka kalibrowanego cementu)
Gęstość (Kg/Lt)	biały kremowy
Lepkość nakładania 25°C	1,810 ± 0,050
Sucha pozostałość objętościowo	tixotropowa
Grubość warstwy (mm)	75 ± 2%
Wydajność teoretyczna (gr)	1,50-1,80 / 2 warstwy
Proporcje mieszania (baza/cement)	2 kg / 2 warstwy
Pot-life	66/34 wagowo
Rozcieńczenie	2 – 3 godz. w 25°C
Metoda aplikacji	woda, w razie potrzeby max. 2-5%
Nakładanie kolejnej warstwy min./max.	paca stalowa
Stabilność przechowywania	5 godz./ 7 dni
Opakowania standard	12 miesięcy
	5 kg, 20 kg
Adhezja CLS	Po 7 dniach, MPA > 2,2 - 2,5 (UNI 8298 - 1)
Odporność na zginanie	Po 28 dniach, MPA 3,2 ± 2 (EN 1015 - 11)
Odporność na ściskanie	Po 28 dniach, MPA 42 ± 2 (EN 1015 - 11)

5. WYMIENIONY POWYŻEJ WYRÓB JEST ZGODNY Z ODNOŚNYMI WYMAGANIAMI UNIJNEGO PRAWODAWSTWA HARMONIZACYJNEGO

6. NINIEJSZA DEKLARACJA ZOSTAŁA WYDANA NA WYŁĄCZNĄ ODPowiedzialność COLORIFICIO ATRIA S.R.L ZGODNIE Z ROZPORZĄDZENIEM UE NR 305/2011

PARTANNA 23.04.2025



CE Declaration of Conformity

pursuant to EU Regulation No. 305/2011

Unofficial English translation, provided for reference. The official, legally binding document is the original issued by Colorificio Atria S.r.l. (see the preceding page(s)). All values are reproduced verbatim from the original.

1 · PRODUCT MANUFACTURER

Colorificio Atria S.r.l., C.da Camarro Formeca, 91028 Partanna (TP), ITALY

2 · PRODUCT NAME

ATRIAFLOOR RASANTE ONE

3 · INTENDED USE AND SCOPE

True Cement two-component cementitious smoothing compound that fills and standardises interior surfaces.

4 · TECHNICAL SPECIFICATION

Appearance	liquid base (terpolyacrylic resin, aggregates) + solid base (calibrated cement blend)
Colour	creamy white
Density (kg/L)	1.810 ± 0.050
Application viscosity (25°C)	thixotropic
Dry residue by volume	75 ± 2%
Layer thickness	1.50–1.80 mm / 2 coats
Theoretical yield	2 kg / 2 coats
Mixing ratio (base/cement)	66/34 by weight
Pot life	2–3 h at 25°C
Dilution	water; if needed, max 2–5%
Application method	steel trowel
Recoat interval (min/max)	5 h / 7 days
Storage stability	12 months
Standard packaging	5 kg, 20 kg

Declared performance (tested values)

Property	Value (standard)
Adhesion (CLS)	> 2.2–2.5 MPa after 7 days (UNI 8298-1)
Flexural strength	3.2 ± 2 MPa after 28 days (EN 1015-11)
Compressive strength	42 ± 2 MPa after 28 days (EN 1015-11)

The product identified above complies with the relevant requirements of the applicable EU harmonised legislation. This declaration is issued under the sole responsibility of Colorificio Atria S.r.l. in accordance with EU Regulation No. 305/2011.

Partanna, 23 April 2025 · Colorificio Atria S.r.l.



DEKLARACJA ZGODNOŚCI CE

1. PRODUCENT WYROBU

Colorificio Atria s.r.l c.da Camarro Formeca, 91 028 Partanna (TP), ITALIA

2. NAZWA WYROBU

ATRIAFLOOR CONSOLIDANTE

3. PRZEZNACZENIE I ZAKRES STOSOWANIA WYROBU

Podkład epoksydowy dwuskładnikowy konsolidujący wodorozcieńczalny

4. SPECYFIKACJA TECHNICZNA

Wygląd	półpołysk
Kolor	słomkowy
Gęstość (Kg/Lt)	1,010 ± 0,050
Lepkość nakładania 25°C	40 – 60 wg. Ford 4
Sucha pozostałość objętościowo	40 ± 2%
Wydajność teoretyczna (gr)	100 – 150 gr/m ² w zależności od chłonności
Proporcje mieszania (baza/cement)	77/23 wagowo
Pot-life	2 godz. w 25°C
Rozcieńczenie	woda, nie ma potrzeby
Metoda aplikacji	pędzel, wałek, natrysk konwencjonalny
Nakładanie kolejnej warstwy min./max.	12 godz./ 15 dni
Stabilność przechowywania	12 miesięcy
Opakowania standard	1 kg, 5 kg
Wysychanie w 25°C	Wilgotny w dotyku 2 – 3 h Suchy w dotyku 8 - 12 h Głęboko suchy 18 - 24 h

5. WYMIENIONY POWYŻEJ WYRÓB JEST ZGODNY Z ODNOŚNYMI WYMAGANIAMI UNIJNEGO PRAWODAWSTWA HARMONIZACYJNEGO

6. NINIEJSZA DEKLARACJA ZOSTAŁA WYDANA NA WYŁĄCZNĄ ODPowiedzialność COLORIFICIO ATRIA S.R.L ZGODNIE Z ROZPORZĄDZENIEM UE NR 305/2011

PARTANNA 23.04.2025



CE Declaration of Conformity

pursuant to EU Regulation No. 305/2011

Unofficial English translation, provided for reference. The official, legally binding document is the original issued by Colorificio Atria S.r.l. (see the preceding page(s)). All values are reproduced verbatim from the original.

1 · PRODUCT MANUFACTURER

Colorificio Atria S.r.l., C.da Camarro Formeca, 91028 Partanna (TP), ITALY

2 · PRODUCT NAME

ATRIAFLOOR CONSOLIDANTE

3 · INTENDED USE AND SCOPE

Two-component water-dilutable consolidating epoxy primer.

4 · TECHNICAL SPECIFICATION

Appearance	semi-gloss
Colour	straw
Density (kg/L)	1.010 ± 0.050
Application viscosity (25°C)	40–60 (Ford 4)
Dry residue by volume	40 ± 2%
Theoretical yield	100–150 g/m ² depending on absorption
Mixing ratio (base/hardener)	77/23 by weight
Pot life	2 h at 25°C
Dilution	water; not required
Application method	brush, roller, conventional spray
Recoat interval (min/max)	12 h / 15 days
Storage stability	12 months
Standard packaging	1 kg, 5 kg
Drying at 25°C	tack-free 2–3 h · dry to touch 8–12 h · deep dry 18–24 h

The product identified above complies with the relevant requirements of the applicable EU harmonised legislation. This declaration is issued under the sole responsibility of Colorificio Atria S.r.l. in accordance with EU Regulation No. 305/2011.

Partanna, 23 April 2025 · Colorificio Atria S.r.l.



DEKLARACJA ZGODNOŚCI CE

1. PRODUCENT WYROBU

Colorificio Atria s.r.l c.da Camarro Formeca, 91 028 Partanna (TP), ITALIA

2. NAZWA WYROBU

NEW ATRIAPOL ANTIBACTERICAL

3. PRZEZNACZENIE I ZAKRES STOSOWANIA WYROBU

*Poliuretanowe dwuskładnikowe wodorozcieńczalne bezbarwne wykończenie odporne na UV
Certyfikat HACCP ISO 22196:2011*

4. SPECYFIKACJA TECHNICZNA

Wygląd	połysk / mat
Kolor	mleczny
Gęstość (Kg/Lt)	1,000 ± 0,010
Lepkość nakładania 25°C	80 – 110 wg. Ford 4
Sucha pozostałość objętościowo	48 ± 2%
Wydajność teoretyczna (gr)	0,085 – 0,100 lt/m ² w zależności od chłonności
Proporcje mieszania (baza/cement)	84/16 wagowo
Pot-life	2 godz. w 25°C
Rozcieńczenie	woda, nie ma potrzeby
Metoda aplikacji	wałek, natrysk konwencjonalny
Nakładanie kolejnej warstwy min./max.	6 - 8 godz./ 5 dni
Stabilność przechowywania	12 miesięcy
Opakowania standard	1 kg, 5 kg

Wysychanie w 25°C

Wilgotny w dotyku 1 – 2 h
Suchy w dotyku 4 - 6 h
Głęboko suchy 18 - 24 h

Odporność na ścieranie 7 dni
(Taber, 1000 g, 1000 obr/min)

> 60

EN ISO 5470-1 (mg):

Absorpcja kapilarna i przepuszczalność wody
EN 1062

0,052 kg/m²·h0,5

Bezpośrednia przyczepność
EN 1542

>3,6 Mpa (sztywny system w ruchu kołowym)

Twardość SHORE D5
DIN 53505

> 60

5. WYMIENIONY POWYŻEJ WYRÓB JEST ZGODNY Z ODNOŚNYMI WYMAGANIAMI UNIJNEGO PRAWODAWSTWA HARMONIZACYJNEGO
6. NINIEJSZA DEKLARACJA ZOSTAŁA WYDANA NA WYŁĄCZNĄ ODPowiedzialność COLORIFICIO ATRIA S.R.L ZGODNIE Z ROZPORZĄDZENIEM UE NR 305/2011

PARTANNA 2.04.2025



ATRIA
MADE IN PAINT

CE Declaration of Conformity

pursuant to EU Regulation No. 305/2011

Unofficial English translation, provided for reference. The official, legally binding document is the original issued by Colorificio Atria S.r.l. (see the preceding page(s)). All values are reproduced verbatim from the original.

1 · PRODUCT MANUFACTURER

Colorificio Atria S.r.l., C.da Camarro Formeca, 91028 Partanna (TP), ITALY

2 · PRODUCT NAME

NEW ATRIAPOL ANTIBACTERICAL

3 · INTENDED USE AND SCOPE

Two-component water-dilutable clear polyurethane UV-resistant finish. HACCP / ISO 22196:2011 certified.

4 · TECHNICAL SPECIFICATION

Appearance	gloss / matt
Colour	milky
Density (kg/L)	1.000 ± 0.010
Application viscosity (25°C)	80–110 (Ford 4)
Dry residue by volume	48 ± 2%
Theoretical yield	0.085–0.100 L/m ² depending on absorption
Mixing ratio (base/hardener)	84/16 by weight
Pot life	2 h at 25°C
Dilution	water; not required
Application method	roller, conventional spray
Recoat interval (min/max)	6–8 h / 5 days
Storage stability	12 months
Standard packaging	1 kg, 5 kg
Drying at 25°C	tack-free 1–2 h · dry to touch 4–6 h · deep dry 18–24 h

Declared performance (tested values)

Property	Value (standard)
Abrasion resistance (7 days)	> 60 mg (Taber, 1000 g, 1000 rpm; EN ISO 5470-1)
Capillary absorption & water permeability	0.052 kg/m ² ·h ^{0.5} (EN 1062)
Direct adhesion	> 3.6 MPa — rigid system under wheeled traffic (EN 1542)
Hardness Shore D5	> 60 (DIN 53505)

The product identified above complies with the relevant requirements of the applicable EU harmonised legislation. This declaration is issued under the sole responsibility of Colorificio Atria S.r.l. in accordance with EU Regulation No. 305/2011.

Partanna, 2 April 2025 · Colorificio Atria S.r.l.

DEKLARACJA WŁAŚCIWOŚCI UŻYTKOWYCH

(Rozporządzenie delegowane Komisji Europejskiej nr 574/2014)

1. PRODUCENT WYROBU

Colorificio Atria s.r.l c.da Camarro Formeca, 91 028 Partanna (TP), ITALIA

2. NAZWA WYROBU

SUPER TITANIUM BC

3. PRZEZNACZENIE I ZAKRES STOSOWANIA WYROBU

Bardzo wytrzymała, dwuskładnikowa żywica dekoracyjna na bazie żywic poliuretanowych do tworzenia powłok na ścianach i posadzkach wewnątrz

4. SYSTEM(Y) OCENY I WERYFIKACJI STAŁOŚCI WŁAŚCIWOŚCI UŻYTKOWYCH

System 1 zgodnie z EN 1441-2004

5. SPECYFIKACJA TECHNICZNA

Wygląd	mat
Kolor	karta kolorów Box True Cement lub kolor na zamówienie
Gęstość (Kg/Lt)	$1,650 \pm 0,05$
Lepkość nakładania 25°C	12000 +/- 3000 10 Brookfield CP
Sucha pozostałość objętościowo	$76 \pm 2\%$
Wydajność teoretyczna (gr)	1 – 1,200 kg/m ² na 2 warstwy na powierzchnię gładką
Proporcje mieszania (baza/utwardzacz)	97/3 wagowo
Pot life	3 godz. w 25°C
Grubość typowa	0,8-1 mm
Rozcieńczenie	woda, w okresach chłodnych max. 3%
Metoda aplikacji	wałek, natrysk konwencjonalny
Wysychanie w 25°C	Wilgotny w dotyku 1 – 2 h Suchy w dotyku 4 - 6 h Głęboko suchy 18 - 24 h
Możliwość szlifowania	12-18 godz. zależnie od temperatury
Nakładanie kolejnej warstwy min./max.	5 godz./ 10 dni
Możliwość chodzenia w trakcie aplikacji	6-12 godz. przy aplikacji kolejnej warstwy
Temperatura pracy	-10 °C / +120°C
Stabilność przechowywania	12 miesięcy
Opakowania standard	1 kg, 5 kg, 20 kg
Adhezja wg CLS	Po 7 dniach, MPA > 3 - 3,5 (UNI 8298 - 1)
Odporność na zginanie	Po 28 dniach, MPA $3,5 \pm 2$ (EN 1015 - 11)
Odporność na ściskanie	Po 28 dniach, MPA 32 ± 2 (EN 1015 - 11)
Tester przyczepności ASTM D 4541	,> 2,5 N/mm ²
Twardość Shore 5 DIN 53505	> 65

6. WŁASCIWOŚCI UŻYTKOWE WYROBU SĄ ZGODNE Z DEKLAROWANYMI POWYŻEJ
7. NINIEJSZA DEKLARACJA ZOSTAŁA WYDANA NA WYŁĄCZNĄ ODPowiedzialność COLORIFICIO ATRIA S.R.L ZGODNIE Z ROZPORZĄDZENIEM UE NR 305/2011

PARTANNA 23.04.2025



ATRIA

MADE IN PAINT

Declaration of Performance

(Commission Delegated Regulation (EU) No 574/2014)

Unofficial English translation, provided for reference. The official, legally binding document is the original issued by Colorificio Atria S.r.l. (see the preceding page(s)). All values are reproduced verbatim from the original.

1 · PRODUCT MANUFACTURER

Colorificio Atria S.r.l., C.da Camarro Formeca, 91028 Partanna (TP), ITALY

2 · PRODUCT NAME

SUPER TITANIUM BC

3 · INTENDED USE AND SCOPE

Highly durable two-component decorative coating based on polyurethane resins, for coatings on interior walls and floors.

4 · SYSTEM OF ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE

System 1, in accordance with EN 1441-2004.

5 · TECHNICAL SPECIFICATION

Appearance	matt
Colour	Box True Cement colour chart, or custom colour to order
Density (kg/L)	1.650 ± 0.05
Application viscosity (25°C)	12000 ± 3000 Brookfield CP
Dry residue by volume	76 ± 2%
Theoretical yield	1–1.2 kg/m ² over 2 coats on a smooth surface
Mixing ratio (base/hardener)	97/3 by weight
Pot life	3 h at 25°C
Typical thickness	0.8–1 mm
Dilution	water; max 3% in cold periods
Application method	roller, conventional spray
Drying at 25°C	tack-free 1–2 h · dry to touch 4–6 h · deep dry 18–24 h
Sandable after	12–18 h depending on temperature
Recoat interval (min/max)	5 h / 10 days
Walkable during application	6–12 h before the next coat
Operating temperature	-10°C / +120°C
Storage stability	12 months
Standard packaging	1 kg, 5 kg, 20 kg

Declared performance (tested values)

Property	Value (standard)
Adhesion (CLS)	> 3–3.5 MPa after 7 days (UNI 8298-1)
Flexural strength	3.5 ± 2 MPa after 28 days (EN 1015-11)
Compressive strength	32 ± 2 MPa after 28 days (EN 1015-11)
Pull-off adhesion	> 2.5 N/mm ² (ASTM D4541)
Hardness Shore D5	> 65 (DIN 53505)

The performance of the product is in conformity with the declared performance set out above. This declaration of performance is issued under the sole responsibility of Colorificio Atria S.r.l. in accordance with EU Regulation No. 305/2011.

Partanna, 23 April 2025 · Colorificio Atria S.r.l.

DEKLARACJA WŁAŚCIWOŚCI UŻYTKOWYCH

(Rozporządzenie delegowane Komisji Europejskiej nr 574/2014)

1. PRODUCENT WYROBU

Colorificio Atria s.r.l. c.da Camarro Formeca, 91 028 Partanna (TP), ITALIA

2. NAZWA WYROBU

ATRIAFLOOR RASANTE ONE

3. PRZEZNACZENIE I ZAKRES STOSOWANIA WYROBU

Cementowa dwuskładnikowa masa wygładzająca True Cement wypełniająca i standaryzująca powierzchnie wewnętrzne

4. SYSTEM(Y) OCENY I WERYFIKACJI STAŁOŚCI WŁAŚCIWOŚCI UŻYTKOWYCH

System 1 zgodnie z EN 1441-2004

5. SPECYFIKACJA TECHNICZNA

Wygląd	baza płynna (żywica terpoliakrylowa, kruszywa) baza stała (mieszanka kalibrowanego cementu)
Kolor	biały kremowy
Gęstość (Kg/Lt)	1,810 ± 0,050
Lepkość nakładania 25°C	tixotropowa
Sucha pozostałość objętościowo	75 ± 2%
Grubość warstwy (mm)	1,50-1,80 / 2 warstwy
Wydajność teoretyczna (gr)	2 kg / 2 warstwy
Proporcje mieszania (baza/cement)	66/34 wagowo
Pot-life	2 – 3 godz. w 25°C
Rozcieńczenie	woda, w razie potrzeby max. 2-5%
Metoda aplikacji	paca stalowa
Nakładanie kolejnej warstwy min./max.	5 godz./ 7 dni
Stabilność przechowywania	12 miesięcy
Opakowania standard	5 kg, 20 kg
Adhezja CLS	Po 7 dniach, MPA > 2,2 - 2,5 (UNI 8298 - 1)
Odporność na zginanie	Po 28 dniach, MPA 3,2 ± 2 (EN 1015 - 11)
Odporność na ściskanie	Po 28 dniach, MPA 42 ± 2 (EN 1015 - 11)

6. WŁAŚCIWOŚCI UŻYTKOWE WYROBU SĄ ZGODNE Z DEKLAROWANYMI POWYŻEJ

7. NINIEJSZA DEKLARACJA ZOSTAŁA WYDANA NA WYŁĄCZNĄ ODPowiedzialność COLORIFICIO ATRIA S.R.L ZGODNIE Z ROZPORZĄDZENIEM UE NR 305/2011

PARTANNA 23.04.2025

Declaration of Performance

(Commission Delegated Regulation (EU) No 574/2014)

Unofficial English translation, provided for reference. The official, legally binding document is the original issued by Colorificio Atria S.r.l. (see the preceding page(s)). All values are reproduced verbatim from the original.

1 · PRODUCT MANUFACTURER

Colorificio Atria S.r.l., C.da Camarro Formeca, 91028 Partanna (TP), ITALY

2 · PRODUCT NAME

ATRIAFLOOR RASANTE ONE

3 · INTENDED USE AND SCOPE

True Cement two-component cementitious smoothing compound that fills and standardises interior surfaces.

4 · SYSTEM OF ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE

System 1, in accordance with EN 1441-2004.

5 · TECHNICAL SPECIFICATION

Appearance	liquid base (terpolyacrylic resin, aggregates) + solid base (calibrated cement blend)
Colour	creamy white
Density (kg/L)	1.810 ± 0.050
Application viscosity (25°C)	thixotropic
Dry residue by volume	75 ± 2%
Layer thickness	1.50–1.80 mm / 2 coats
Theoretical yield	2 kg / 2 coats
Mixing ratio (base/cement)	66/34 by weight
Pot life	2–3 h at 25°C
Dilution	water; if needed, max 2–5%
Application method	steel trowel
Recoat interval (min/max)	5 h / 7 days
Storage stability	12 months
Standard packaging	5 kg, 20 kg

Declared performance (tested values)

Property	Value (standard)
Adhesion (CLS)	> 2.2–2.5 MPa after 7 days (UNI 8298-1)
Flexural strength	3.2 ± 2 MPa after 28 days (EN 1015-11)

Property	Value (standard)
Compressive strength	42 ± 2 MPa after 28 days (EN 1015-11)

The performance of the product is in conformity with the declared performance set out above. This declaration of performance is issued under the sole responsibility of Colorificio Atria S.r.l. in accordance with EU Regulation No. 305/2011.

Partanna, 23 April 2025 · Colorificio Atria S.r.l.

DEKLARACJA WŁAŚCIWOŚCI UŻYTKOWYCH

(Rozporządzenie delegowane Komisji Europejskiej nr 574/2014)

1. PRODUCENT WYROBU

Colorificio Atria s.r.l. c.da Camarro Formeca, 91 028 Partanna (TP), ITALIA

2. NAZWA WYROBU

ATRIAFLOOR CONSOLIDANTE

3. PRZEZNACZENIE I ZAKRES STOSOWANIA WYROBU

Podkład epoksydowy dwuskładnikowy konsolidujący wodorozcieńczalny

4. SYSTEM(Y) OCENY I WERYFIKACJI STAŁOŚCI WŁAŚCIWOŚCI UŻYTKOWYCH

System 1 zgodnie z EN 1441-2004

5. SPECYFIKACJA TECHNICZNA

Wygląd	półpołysk
Kolor	słomkowy
Gęstość (Kg/Lt)	1,010 ± 0,050
Lepkość nakładania 25°C	40 – 60 wg. Ford 4
Sucha pozostałość objętościowo	40 ± 2%
Wydajność teoretyczna (gr)	100 – 150 gr/m ² w zależności od chłonności
Proporcje mieszania (baza/cement)	77/23 wagowo
Pot-life	2 godz. w 25°C
Rozcieńczenie	woda, nie ma potrzeby
Metoda aplikacji	pędzel, wałek, natrysk konwencjonalny
Nakładanie kolejnej warstwy min./max.	12 godz./ 15 dni
Stabilność przechowywania	12 miesięcy
Opakowania standard	1 kg, 5 kg
Wysychanie w 25°C	Wilgotny w dotyku 2 – 3 h Suchy w dotyku 8 - 12 h Głęboko suchy 18 - 24 h

6. WŁAŚCIWOŚCI UŻYTKOWE WYROBU SĄ ZGODNE Z DEKLAROWANYMI POWYŻEJ

7. NINIEJSZA DEKLARACJA ZOSTAŁA WYDANA NA WYŁĄCZNĄ ODPowiedzialność COLORIFICIO ATRIA S.R.L ZGODNIE Z ROZPORZĄDZENIEM UE NR 305/2011

PARTANNA 23.04.2025

Declaration of Performance

(Commission Delegated Regulation (EU) No 574/2014)

Unofficial English translation, provided for reference. The official, legally binding document is the original issued by Colorificio Atria S.r.l. (see the preceding page(s)). All values are reproduced verbatim from the original.

1 · PRODUCT MANUFACTURER

Colorificio Atria S.r.l., C.da Camarro Formeca, 91028 Partanna (TP), ITALY

2 · PRODUCT NAME

ATRIAFLOOR CONSOLIDANTE

3 · INTENDED USE AND SCOPE

Two-component water-dilutable consolidating epoxy primer.

4 · SYSTEM OF ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE

System 1, in accordance with EN 1441-2004.

5 · TECHNICAL SPECIFICATION

Appearance	semi-gloss
Colour	straw
Density (kg/L)	1.010 ± 0.050
Application viscosity (25°C)	40–60 (Ford 4)
Dry residue by volume	40 ± 2%
Theoretical yield	100–150 g/m ² depending on absorption
Mixing ratio (base/hardener)	77/23 by weight
Pot life	2 h at 25°C
Dilution	water; not required
Application method	brush, roller, conventional spray
Recoat interval (min/max)	12 h / 15 days
Storage stability	12 months
Standard packaging	1 kg, 5 kg
Drying at 25°C	tack-free 2–3 h · dry to touch 8–12 h · deep dry 18–24 h

The performance of the product is in conformity with the declared performance set out above. This declaration of performance is issued under the sole responsibility of Colorificio Atria S.r.l. in accordance with EU Regulation No. 305/2011.

Partanna, 23 April 2025 · Colorificio Atria S.r.l.

DEKLARACJA WŁAŚCIWOŚCI UŻYTKOWYCH

(Rozporządzenie delegowane Komisji Europejskiej nr 574/2014)

1. PRODUCENT WYROBU

Colorificio Atria s.r.l c.da Camarro Formeca, 91 028 Partanna (TP), ITALIA

2. NAZWA WYROBU

NEW ATRIAPOL ANTIBACTERIAL

3. PRZEZNACZENIE I ZAKRES STOSOWANIA WYROBU

Poliuretanowe dwuskładnikowe wodorozcieńczalne bezbarwne wykończenie odporne na UV
Certyfikat HACCP ISO 22196:2011

4. SYSTEM(Y) OCENY I WERYFIKACJI STAŁOŚCI WŁAŚCIWOŚCI UŻYTKOWYCH

System 1 zgodnie z EN 1441-2004

5. SPECYFIKACJA TECHNICZNA

Wygląd	połysk / mat
Kolor	mleczny
Gęstość (Kg/Lt)	$1,000 \pm 0,010$
Lepkość nakładania 25°C	80 – 110 wg. Ford 4
Sucha pozostałość objętościowo	$48 \pm 2\%$
Wydajność teoretyczna (gr)	$0,085 - 0,100 \text{ lt/m}^2$ w zależności od chłonności
Proporcje mieszania (baza/cement)	84/16 wagowo
Pot-life	2 godz. w 25°C
Rozcieńczenie	woda, nie ma potrzeby
Metoda aplikacji	wałek, natrysk konwencjonalny
Nakładanie kolejnej warstwy min./max.	6 - 8 godz./ 5 dni
Stabilność przechowywania	12 miesięcy
Opakowania standard	1 kg, 5 kg

Wysychanie w 25°C

Wilgotny w dotyku 1 – 2 h

Suchy w dotyku 4 - 6 h

Głęboko suchy 18 - 24 h

Odporność na ścieranie 7 dni
(Taber, 1000 g, 1000 obr/min)

> 60

EN ISO 5470-1 (mg):

Absorpcja kapilarna i przepuszczalność wody
EN 1062

$0,052 \text{ kg/m}^2 \cdot \text{h},5$

Bezpośrednia przyczepność
EN 1542

>3,6 Mpa (sztywny system w ruchu kołowym)

Twardość SHORE D5
DIN 53505

> 60

6. WŁASCIWOŚCI UŻYTKOWE WYROBU SĄ ZGODNE Z DEKLAROWANYMI POWYŻEJ
7. NINIEJSZA DEKLARACJA ZOSTAŁA WYDANA NA WYŁĄCZNĄ ODPowiedzialność
COLORIFICIO ATRIA S.R.L ZGODNIE Z ROZPORZĄDZENIEM UE NR 305/2011

PARTANNA 2.04.2025



ATRIA
MADE IN PAINT

Declaration of Performance

(Commission Delegated Regulation (EU) No 574/2014)

Unofficial English translation, provided for reference. The official, legally binding document is the original issued by Colorificio Atria S.r.l. (see the preceding page(s)). All values are reproduced verbatim from the original.

1 · PRODUCT MANUFACTURER

Colorificio Atria S.r.l., C.da Camarro Formeca, 91028 Partanna (TP), ITALY

2 · PRODUCT NAME

NEW ATRIAPOL ANTIBACTERICAL

3 · INTENDED USE AND SCOPE

Two-component water-dilutable clear polyurethane UV-resistant finish. HACCP / ISO 22196:2011 certified.

4 · SYSTEM OF ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE

System 1, in accordance with EN 1441-2004.

5 · TECHNICAL SPECIFICATION

Appearance	gloss / matt
Colour	milky
Density (kg/L)	1.000 ± 0.010
Application viscosity (25°C)	80–110 (Ford 4)
Dry residue by volume	48 ± 2%
Theoretical yield	0.085–0.100 L/m ² depending on absorption
Mixing ratio (base/hardener)	84/16 by weight
Pot life	2 h at 25°C
Dilution	water; not required
Application method	roller, conventional spray
Recoat interval (min/max)	6–8 h / 5 days
Storage stability	12 months
Standard packaging	1 kg, 5 kg
Drying at 25°C	tack-free 1–2 h · dry to touch 4–6 h · deep dry 18–24 h

Declared performance (tested values)

Property	Value (standard)
Abrasion resistance (7 days)	> 60 mg (Taber, 1000 g, 1000 rpm; EN ISO 5470-1)
Capillary absorption & water permeability	0.052 kg/m ² ·h ^{0.5} (EN 1062)

Property	Value (standard)
Direct adhesion	> 3.6 MPa — rigid system under wheeled traffic (EN 1542)
Hardness Shore D5	> 60 (DIN 53505)

The performance of the product is in conformity with the declared performance set out above. This declaration of performance is issued under the sole responsibility of Colorificio Atria S.r.l. in accordance with EU Regulation No. 305/2011.

Partanna, 2 April 2025 · Colorificio Atria S.r.l.

Certificazione Ciclo Antibacterial

Si certifica che il prodotto *Antibacterial* dell'azienda Colorificio Atria srl, fa parte della linea delle idropitture di Atria e corrisponde al prodotto Antibacterial Pittura, della stessa linea fanno parte anche i seguenti prodotti quali, Antibacterial Primer e Antibacterial Spray.

Antibacterial Pittura, è formulata per svolgere una doppia azione antibatterica, sia in fase preventiva che inibitoria, impedisce la proliferazione di ceppi batterici svolgendo un'azione antimicrobica, igienizzante e antibatterica certificata.

Il prodotto è certificato secondo la norma ISO 22196:2011 contro:



- ✓ Escherichia Coli
- ✓ Staphylococcus Aureus
- ✓ Staphylococcus Aureus Meticillino-Resistente (MRSA),
- ✓ Pseudomonas Aeruginosa,
- ✓ Acinetobacter Baumannii,
- ✓ Enterococcus Hirae
- ✓ Streptococcus Pneumoniae.



Prodotto è formulato in Classe A+ ed è HACCP.

Il Colorificio Atria srl, produttore di **ANTIBACTERICAL** dichiara, che la traduzione dei risultati di prova è conforme alla loro formulazione originale.

I certificati sono stati rilasciati dall'ente 3ALaboratori, Accredia l'ente italiano di accreditamento.

Zaświadczamy, że produkt przeciwbakteryjny firmy Colorificio Atria srl jest częścią linii farb na bazie wody Atria i odpowiada produktowi przeciwbakteryjnemu. Ta sama linia obejmuje również produkty, takie jak Antibacterial Primer i Antibacterial Spray. Farba antybakteryjna została opracowana w celu zapobiegania rozprzestrzenianiu się szczepów bakteryjnych poprzez swoje podwójne działanie przeciwbakteryjne, zarówno w fazie zapobiegawczej, jak i hamującej, wykazując certyfikowane działanie przeciwbakteryjne i odkażające.

Produkt jest certyfikowany zgodnie z normą ISO 22196: 2011 przeciwko:

- ✓ Escherichia Coli
- ✓ Staphylococcus Aureus
- ✓ Staphylococcus Aureus Meticillino-Resistente (MRSA),
- ✓ Pseudomonas Aeruginosa,
- ✓ Acinetobacter Baumannii,
- ✓ Enterococcus Hirae
- ✓ Streptococcus Pneumoniae.



Produkt został opracowany i wyprodukowany w klasie A + i HACCP.

Colorificio Atria srl, producent **Antibacterial**, przkłada tłumaczenie wyników badań i oświadcza, że tłumaczenie wyników jest zgodne z oryginalną ich treścią.

Certyfikaty zostały wydane przez akredytowaną, włoską jednostkę certyfikującą 3ALaboratori, Accredia.

Partanna 19/06/2020

Il Presidente
Colorificio ATRIA srl

Test report n°: **20LA05886** of **01/06/2020**

Dear
Colorificio Atria srl
C/da Camarro Formeca
91028 Partanna (TP)

Acceptance DataSubject of the test: **Generic Material**Transport: **Customer**Date of arrival: **29/04/2020** Time of arrival: **11.00**Acceptance date: **29/04/2020****Sample data**

Description: **AntiBacterial Washable water-based paint with double antibacterial action(preventive and inhibitory), super-opaque, anti-mold for interiors**

Sampling dataSampling by: **Customer**Place: **Customer location**

The analytical results are exclusively referred to the sample.

Representation of a Test Report signed electronically in accordance with current legislation.

This document can not be reproduced in part without the written permission of the laboratory.

Laboratory management system certified UNI EN ISO 9001: 2015 by CSQA with the No. 14270. Recommended by AIC for the analysis of quantification of gluten in food matrices. Registered laboratory for the analysis of food contact materials intended for export to Japan.

Laboratory registered in the list of regional laboratories carrying out analysis in the context of self-control procedures for Food Industries No. 52. It is the responsibility of the OSA to communicate the warnings to the bodies in charge

Mod.PT01.01 Rev.9

Test report n°: **20LA05886** of **01/06/2020**

Parameter - Specification <i>Method - Notes</i>	M.U.	Results Notes	LoQ	LoD	Test start Test end
Determination of antibacterial activity (R) - $R = (U_t - U_o) - (A_t - U_o)$ ISO 22196:2011		> 4.1	0,3		12/05/2020 14/05/2020
Determination of antibacterial activity (R) ISO 22196:2011	%	> 99.992	50		12/05/2020 14/05/2020
Size of test specimens (H x L)	mm	50x50			12/05/2020 14/05/2020
Thickness of test specimens	mm	2,0			12/05/2020 14/05/2020
Type of polymer used for the cover film		Polypropylene			12/05/2020 14/05/2020
Size of the cover film (H x L)	mm	40x40			12/05/2020 14/05/2020
Thickness of the cover film	mm	0,10			12/05/2020 14/05/2020
Type of Gram-negative strain		Acinetobacter baumannii - ATCC 19606			12/05/2020 14/05/2020
Method of conditioning		UV-C radiation (30 min per side)			12/05/2020 14/05/2020
Reference used		Inert Internal material (polypropylene)			12/05/2020 14/05/2020
Volume of test inoculum	ml	0,4			12/05/2020 14/05/2020
Number of viable bacteria in the test inoculum	n°	200000			12/05/2020 14/05/2020
U _o - N° of viable bacteria recovered from the untreated test specimens after inoculation	log	4,1	0,4		12/05/2020 14/05/2020
U _t - N° of viable bacteria recovered from the untreated test specimens after 24 h	log	4,1	0,4		12/05/2020 14/05/2020
A _t - Count bacteria recovered from the treated samples 24 hours post inoculation	log	NQ	0,4		12/05/2020 14/05/2020

* (§) Test report reproduced in another language

30/04/2020

If the sampling is not the responsibility of 3ALaboratori srl, the latter declines all responsibility with regard to sampling information as provided by the Customer; the test results refer only to the sample as received. When these data include measurements that affect the measurement unit, the results expressed are obtained by processing them. The Acceptance Data is the responsibility of the Laboratory while the sample data are the responsibility of the Customer. If the sample is not suitable but the Customer chooses to continue anyway, the laboratory declines all responsibility for the results that could be influenced by the deviation

LEGEND: **U.M.** = Unit of measurement; **(Sup)** = upper limit; **(Inf)** = Lower Limit ; **LoQ** = limit of quantification, it is the lower limit of concentration above which it is possible to obtain a quantitative measurement instrumentally; in microbiology the LoQ is of a theoretical nature; **LoD** = limit of detectability, is the lower limit of concentration below which the sample cannot be detected; in qualitative analyzes it represents the minimum concentration at which an analyte can be determined or not; **NQ** = unquantifiable, indicates a value less than LoQ; **NR** = not detectable, indicates a value lower than LoD; "<x" or ">x" respectively indicate a value lower or higher than the measuring range of the test, where x is the result

The analytical results are exclusively referred to the sample.

Representation of a Test Report signed electronically in accordance with current legislation.

This document can not be reproduced in part without the written permission of the laboratory.

Laboratory management system certified UNI EN ISO 9001: 2015 by CSQA with the No. 14270. Recommended by AIC for the analysis of quantification of gluten in food matrices. Registered laboratory for the analysis of food contact materials intended for export to Japan.

Laboratory registered in the list of regional laboratories carrying out analysis in the context of self-control procedures for Food Industries No. 52. It is the responsibility of the OSA to communicate the warnings to the bodies in charge

Mod.PT01.01 Rev.9

Test report n°: **20LA05886** of **01/06/2020****(S)**: Indicates a change from the previous version of the Test Report.**(le)**: Indicates that the parameters/activities are performed in subcontracting.**UNLESS OTHERWISE SPECIFIED**: Quantitative microbiological tests are performed on single replica and two consecutive dilutions in accordance with UNI EN ISO 7218: 2013 (with the exception of the analysis of water and MPN); the results of this test report are not corrected for recovery factors (R) as the values of recovery are in the tolerance specified in the test method; summations are calculated using the criterion of the lower bound (LB)**(*)**: Test/activity not accredited by ACCREDIA**Notes:**

§ Report in english version.

Technical Director

Dr. Giovanni Mitaritonna
Chemist

Ordine Interprov. Chimici del Veneto - Padova n° 910 SEZ. A

----- End of Test Report -----

The analytical results are exclusively referred to the sample.

Representation of a Test Report signed electronically in accordance with current legislation.

This document can not be reproduced in part without the written permission of the laboratory.

Laboratory management system certified UNI EN ISO 9001: 2015 by CSQA with the No. 14270. Recommended by AIC for the analysis of quantification of gluten in food matrices. Registered laboratory for the analysis of food contact materials intended for export to Japan.

Laboratory registered in the list of regional laboratories carrying out analysis in the context of self-control procedures for Food Industries No. 52. It is the responsibility of the OSA to communicate the warnings to the bodies in charge

Mod.PT01.01 Rev.9

Test report n°: **20LA05887** of **01/06/2020**

Dear
Colorificio Atria srl
C/da Camarro Formeca
91028 Partanna (TP)

Acceptance DataSubject of the test: **Generic Material**Transport: **Customer**Date of arrival: **29/04/2020** Time of arrival: **11.00**Acceptance date: **29/04/2020****Sample data**

Description: **AntiBacterial Washable water-based paint with double antibacterial action(preventive and inhibitory), super-opaque, anti-mold for interiors**

Sampling dataSampling by: **Customer**Place: **Customer location**

The analytical results are exclusively referred to the sample.

Representation of a Test Report signed electronically in accordance with current legislation.

This document can not be reproduced in part without the written permission of the laboratory.

Laboratory management system certified UNI EN ISO 9001: 2015 by CSQA with the No. 14270. Recommended by AIC for the analysis of quantification of gluten in food matrices. Registered laboratory for the analysis of food contact materials intended for export to Japan.

Laboratory registered in the list of regional laboratories carrying out analysis in the context of self-control procedures for Food Industries No. 52. It is the responsibility of the OSA to communicate the warnings to the bodies in charge

Mod.PT01.01 Rev.9

Test report n°: **20LA05887** of **01/06/2020**

Parameter - Specification <i>Method - Notes</i>	M.U.	Results Notes	LoQ	LoD	Test start Test end
Determination of antibacterial activity (R) - R=(Ut-Uo)-(At-Uo) ISO 22196:2011		> 5.0	0,3		07/05/2020 11/05/2020
Determination of antibacterial activity (R) ISO 22196:2011	%	> 99.999	50		07/05/2020 12/05/2020
Size of test specimens (H x L)	mm	50x50			07/05/2020 11/05/2020
Thickness of test specimens	mm	2,0			07/05/2020 11/05/2020
Type of polymer used for the cover film		Polypropylene			07/05/2020 11/05/2020
Size of the cover film (H x L)	mm	40x40			07/05/2020 11/05/2020
Thickness of the cover film	mm	0,10			07/05/2020 11/05/2020
Type of Gram-positive strain		Enterococcus hirae - ATCC 1054			07/05/2020 11/05/2020
Method of conditioning		UV-C radiation (30 min per side)			07/05/2020 11/05/2020
Reference used		Inert Internal material (polypropylene)			07/05/2020 11/05/2020
Volume of test inoculum	ml	0,4			07/05/2020 11/05/2020
Number of viable bacteria in the test inoculum	n°	300000			07/05/2020 11/05/2020
Uo - N° of viable bacteria recovered from the untreated test specimens after inoculation	log	4,3	0,4		07/05/2020 11/05/2020
Ut - N° of viable bacteria recovered from the untreated test specimens after 24 h	log	5,0	0,4		07/05/2020 11/05/2020
At - Count bacteria recovered from the treated samples 24 hours post inoculation	log	NQ	0,4		07/05/2020 12/05/2020

★ (§) Test report reproduced in another language

30/04/2020

If the sampling is not the responsibility of 3ALaboratori srl, the latter declines all responsibility with regard to sampling information as provided by the Customer; the test results refer only to the sample as received. When these data include measurements that affect the measurement unit, the results expressed are obtained by processing them. The Acceptance Data is the responsibility of the Laboratory while the sample data are the responsibility of the Customer. If the sample is not suitable but the Customer chooses to continue anyway, the laboratory declines all responsibility for the results that could be influenced by the deviation

LEGEND: **U.M.** = Unit of measurement; **(Sup)** = upper limit; **(Inf)** = Lower Limit ; **LoQ** = limit of quantification, it is the lower limit of concentration above which it is possible to obtain a quantitative measurement instrumentally; in microbiology the LoQ is of a theoretical nature; **LoD** = limit of detectability, is the lower limit of concentration below which the sample cannot be detected; in qualitative analyzes it represents the minimum concentration at which an analyte can be determined or not; **NQ** = unquantifiable, indicates a value less than LoQ; **NR** = not detectable, indicates a value lower than LoD; "<x" or ">x" respectively indicate a value lower or higher than the measuring range of the test, where x is the result

(§): Indicates a change from the previous version of the Test Report.

The analytical results are exclusively referred to the sample.

Representation of a Test Report signed electronically in accordance with current legislation.

This document can not be reproduced in part without the written permission of the laboratory.

Laboratory management system certified UNI EN ISO 9001: 2015 by CSQA with the No. 14270. Recommended by AIC for the analysis of quantification of gluten in food matrices. Registered laboratory for the analysis of food contact materials intended for export to Japan.

Laboratory registered in the list of regional laboratories carrying out analysis in the context of self-control procedures for Food Industries No. 52. It is the responsibility of the OSA to communicate the warnings to the bodies in charge

Mod.PT01.01 Rev.9

Test report n°: **20LA05887** of **01/06/2020**

(le): Indicates that the parameters/activities are performed in subcontracting.

UNLESS OTHERWISE SPECIFIED: Quantitative microbiological tests are performed on single replica and two consecutive dilutions in accordance with UNI EN ISO 7218: 2013 (with the exception of the analysis of water and MPN); the results of this test report are not corrected for recovery factors (R) as the values of recovery are in the tolerance specified in the test method; summations are calculated using the criterion of the lower bound (LB)

(*): Test/activity not accredited by ACCREDIA

Notes:

§ Report in english version.

Technical Director

Dr. Giovanni Mitaritonna
Chemist

Ordine Interprov. Chimici del Veneto - Padova n° 910 SEZ. A

----- End of Test Report -----

The analytical results are exclusively referred to the sample.

Representation of a Test Report signed electronically in accordance with current legislation.

This document can not be reproduced in part without the written permission of the laboratory.

Laboratory management system certified UNI EN ISO 9001: 2015 by CSQA with the No. 14270. Recommended by AIC for the analysis of quantification of gluten in food matrices. Registered laboratory for the analysis of food contact materials intended for export to Japan.

Laboratory registered in the list of regional laboratories carrying out analysis in the context of self-control procedures for Food Industries No. 52. It is the responsibility of the OSA to communicate the warnings to the bodies in charge

Mod.PT01.01 Rev.9

Test report n°: **20LA05883** of **01/06/2020**

Dear
Colorificio Atria srl
C/da Camarro Formeca
91028 Partanna (TP)

Acceptance Data

Subject of the test: **Generic Material**

Transport: **Customer**

Date of arrival: **29/04/2020** Time of arrival: **11.00**

Acceptance date: **29/04/2020**



Sample data

Description: **AntiBacterial Washable water-based paint with double antibacterial action(preventive and inhibitory), super-opaque, anti-mold for interiors**

Sampling data

Sampling by: **Customer**

Place: **Customer location**

The analytical results are exclusively referred to the sample.

Representation of a Test Report signed electronically in accordance with current legislation.

This document can not be reproduced in part without the written permission of the laboratory.

Laboratory management system certified UNI EN ISO 9001: 2015 by CSQA with the No. 14270. Recommended by AIC for the analysis of quantification of gluten in food matrices. Registered laboratory for the analysis of food contact materials intended for export to Japan.

Laboratory registered in the list of regional laboratories carrying out analysis in the context of self-control procedures for Food Industries No. 52. It is the responsibility of the OSA to communicate the warnings to the bodies in charge

Mod.PT01.01 Rev.9

Test report n°: **20LA05883** of **01/06/2020**

Parameter - Specification <i>Method - Notes</i>	M.U.	Results Notes	LoQ	LoD	Test start Test end
Determination of antibacterial activity (R) - $R=(U_t-U_o)-(A_t-U_o)$ ISO 22196:2011		> 5.1	0,3		29/04/2020 02/05/2020
Determination of antibacterial activity (R) ISO 22196:2011	%	> 99.999	50		29/04/2020 02/05/2020
Size of test specimens (H x L)	mm	50x50			29/04/2020 02/05/2020
Thickness of test specimens	mm	2,0			29/04/2020 02/05/2020
Type of polymer used for the cover film		Polypropylene			29/04/2020 02/05/2020
Size of the cover film (H x L)	mm	40x40			29/04/2020 02/05/2020
Thickness of the cover film	mm	0,10			29/04/2020 02/05/2020
Type of Gram-negative strain		Escherichia coli ATCC 8739			29/04/2020 02/05/2020
Method of conditioning		UV-C radiation (30 min per side)			29/04/2020 02/05/2020
Reference used		Inert Internal material (polypropylene)			29/04/2020 02/05/2020
Volume of test inoculum	ml	0,4			29/04/2020 02/05/2020
Number of viable bacteria in the test inoculum	n°	350000			29/04/2020 02/05/2020
Uo - N° of viable bacteria recovered from the untreated test specimens after inoculation	log	4,3	0,4		29/04/2020 02/05/2020
Ut - N° of viable bacteria recovered from the untreated test specimens after 24 h	log	5,1	0,4		29/04/2020 02/05/2020
At - Count bacteria recovered from the treated samples 24 hours post inoculation	log	NQ	0,4		29/04/2020 02/05/2020
* (§) Test report reproduced in another language					30/04/2020

The analytical results are exclusively referred to the sample.

Representation of a Test Report signed electronically in accordance with current legislation.

This document can not be reproduced in part without the written permission of the laboratory.

Laboratory management system certified UNI EN ISO 9001: 2015 by CSQA with the No. 14270. Recommended by AIC for the analysis of quantification of gluten in food matrices. Registered laboratory for the analysis of food contact materials intended for export to Japan.

Laboratory registered in the list of regional laboratories carrying out analysis in the context of self-control procedures for Food Industries No. 52. It is the responsibility of the OSA to communicate the warnings to the bodies in charge

Mod.PT01.01 Rev.9

Test report n°: **20LA05883** of **01/06/2020**
20LA05883/01 AntiBacterial Washable water-based paint with double antibacterial action(preventive and inh

Parameter - Specification <i>Method - Notes</i>	M.U.	Results Notes	LoQ	LoD	Test start Test end
Determination of antibacterial activity (R) - R=(Ut-Uo)-(At-Uo) ISO 22196:2011		> 3.8	0,3		29/04/2020 02/05/2020
Determination of antibacterial activity (R) ISO 22196:2011	%	> 99.984	50		29/04/2020 02/05/2020
Size of test specimens (H x L)	mm	50x50			29/04/2020 02/05/2020
Thickness of test specimens	mm	2,0			29/04/2020 02/05/2020
Type of polymer used for the cover film		Polypropylene			29/04/2020 02/05/2020
Size of the cover film (H x L)	mm	40x40			29/04/2020 02/05/2020
Thickness of the cover film	mm	0,10			29/04/2020 02/05/2020
Type of Gram-positive strain		Staphylococcus aureus - ATCC 6538			29/04/2020 02/05/2020
Method of conditioning		UV-C radiation (30 min per side)			29/04/2020 02/05/2020
Reference used		Inert Internal material (polypropylene)			29/04/2020 02/05/2020
Volume of test inoculum	ml	0,4			29/04/2020 02/05/2020
Number of viable bacteria in the test inoculum	n°	140000			29/04/2020 02/05/2020
Uo - N° of viable bacteria recovered from the untreated test specimens after inoculation	log	4,0	0,4		29/04/2020 02/05/2020
Ut - N° of viable bacteria recovered from the untreated test specimens after 24 h	log	3,8	0,4		29/04/2020 02/05/2020
At - Count bacteria recovered from the treated samples 24 hours post inoculation	log	NQ	0,4		29/04/2020 02/05/2020

If the sampling is not the responsibility of 3ALaboratori srl, the latter declines all responsibility with regard to sampling information as provided by the Customer; the test results refer only to the sample as received. When these data include measurements that affect the measurement unit, the results expressed are obtained by processing them. The Acceptance Data is the responsibility of the Laboratory while the sample data are the responsibility of the Customer. If the sample is not suitable but the Customer chooses to continue anyway, the laboratory declines all responsibility for the results that could be influenced by the deviation

LEGEND: **U.M.** = Unit of measurement; **(Sup)** = upper limit; **(Inf)** = Lower Limit ; **LoQ** = limit of quantification, it is the lower limit of concentration above which it is possible to obtain a quantitative measurement instrumentally; in microbiology the LoQ is of a theoretical nature; **LoD** = limit of detectability, is the lower limit of concentration below which the sample cannot be detected; in qualitative analyzes it represents the minimum concentration at which an analyte can be determined or not; **NQ** = unquantifiable, indicates a value less than LoQ; **NR** = not detectable, indicates a value lower than LoD; "<x" or ">x" respectively indicate a value lower or higher than the measuring range of the test, where x is the result

(S): Indicates a change from the previous version of the Test Report.

The analytical results are exclusively referred to the sample.

Representation of a Test Report signed electronically in accordance with current legislation.

This document can not be reproduced in part without the written permission of the laboratory.

Laboratory management system certified UNI EN ISO 9001: 2015 by CSQA with the No. 14270. Recommended by AIC for the analysis of quantification of gluten in food matrices. Registered laboratory for the analysis of food contact materials intended for export to Japan.

Laboratory registered in the list of regional laboratories carrying out analysis in the context of self-control procedures for Food Industries No. 52. It is the responsibility of the OSA to communicate the warnings to the bodies in charge

Mod.PT01.01 Rev.9

Test report n°: **20LA05883** of **01/06/2020**

(le): Indicates that the parameters/activities are performed in subcontracting.

UNLESS OTHERWISE SPECIFIED: Quantitative microbiological tests are performed on single replica and two consecutive dilutions in accordance with UNI EN ISO 7218: 2013 (with the exception of the analysis of water and MPN); the results of this test report are not corrected for recovery factors (R) as the values of recovery are in the tolerance specified in the test method; summations are calculated using the criterion of the lower bound (LB)

(*): Test/activity not accredited by ACCREDIA

Notes:

§ Report in english version.

Technical Director

Dr. Giovanni Mitaritonna
Chemist

Ordine Interprov. Chimici del Veneto - Padova n° 910 SEZ. A

----- End of Test Report -----

The analytical results are exclusively referred to the sample.

Representation of a Test Report signed electronically in accordance with current legislation.

This document can not be reproduced in part without the written permission of the laboratory.

Laboratory management system certified UNI EN ISO 9001: 2015 by CSQA with the No. 14270. Recommended by AIC for the analysis of quantification of gluten in food matrices. Registered laboratory for the analysis of food contact materials intended for export to Japan.

Laboratory registered in the list of regional laboratories carrying out analysis in the context of self-control procedures for Food Industries No. 52. It is the responsibility of the OSA to communicate the warnings to the bodies in charge

Mod.PT01.01 Rev.9

Test report n°: **20LA05884** of **01/06/2020**

Dear
Colorificio Atria srl
C/da Camarro Formeca
91028 Partanna (TP)

Acceptance DataSubject of the test: **Generic Material**Transport: **Customer**Date of arrival: **29/04/2020** Time of arrival: **11.00**Acceptance date: **29/04/2020****Sample data**

Description: **AntiBacterial Washable water-based paint with double antibacterial action(preventive and inhibitory), super-opaque, anti-mold for interiors**

Sampling dataSampling by: **Customer**Place: **Customer location**

The analytical results are exclusively referred to the sample.

Representation of a Test Report signed electronically in accordance with current legislation.

This document can not be reproduced in part without the written permission of the laboratory.

Laboratory management system certified UNI EN ISO 9001: 2015 by CSQA with the No. 14270. Recommended by AIC for the analysis of quantification of gluten in food matrices. Registered laboratory for the analysis of food contact materials intended for export to Japan.

Laboratory registered in the list of regional laboratories carrying out analysis in the context of self-control procedures for Food Industries No. 52. It is the responsibility of the OSA to communicate the warnings to the bodies in charge

Mod.PT01.01 Rev.9

Test report n°: **20LA05884** of **01/06/2020**

Parameter - Specification <i>Method - Notes</i>	M.U.	Results Notes	LoQ	LoD	Test start Test end
Determination of antibacterial activity (R) - $R = (U_t - U_o) - (A_t - A_o)$ ISO 22196:2011		> 3.5	0,3		13/05/2020 18/05/2020
Determination of antibacterial activity (R) ISO 22196:2011	%	> 99.968	50		13/05/2020 18/05/2020
Size of test specimens (H x L)	mm	50x50			13/05/2020 18/05/2020
Thickness of test specimens	mm	0,1			13/05/2020 18/05/2020
Type of polymer used for the cover film		Polypropylene			13/05/2020 18/05/2020
Size of the cover film (H x L)	mm	40x40			13/05/2020 18/05/2020
Thickness of the cover film	mm	0,10			13/05/2020 18/05/2020
Type of Gram-positive strain		Staphylococcus aureus Methicillin resistant - ATCC 33591			13/05/2020 18/05/2020
Method of conditioning		UV-C radiation (30 min per side)			13/05/2020 18/05/2020
Reference used		Inert Internal material (polypropylene)			13/05/2020 18/05/2020
Volume of test inoculum	ml	0,4			13/05/2020 18/05/2020
Number of viable bacteria in the test inoculum	n°	350000			13/05/2020 18/05/2020
U _o - N° of viable bacteria recovered from the untreated test specimens after inoculation	log	4,3	0,4		13/05/2020 18/05/2020
U _t - N° of viable bacteria recovered from the untreated test specimens after 24 h	log	3,5	0,4		13/05/2020 18/05/2020
A _t - Count bacteria recovered from the treated samples 24 hours post inoculation	log	NQ	0,4		13/05/2020 18/05/2020
★ Lettura 1 Diluizione 1 PCA		40			13/05/2020 18/05/2020
★ (§) Test report reproduced in another language					30/04/2020

If the sampling is not the responsibility of 3ALaboratori srl, the latter declines all responsibility with regard to sampling information as provided by the Customer; the test results refer only to the sample as received. When these data include measurements that affect the measurement unit, the results expressed are obtained by processing them. The Acceptance Data is the responsibility of the Laboratory while the sample data are the responsibility of the Customer. If the sample is not suitable but the Customer chooses to continue anyway, the laboratory declines all responsibility for the results that could be influenced by the deviation

LEGEND: **U.M.** = Unit of measurement; **(Sup)** = upper limit; **(Inf)** = Lower Limit ; **LoQ** = limit of quantification, it is the lower limit of concentration above which it is possible to

The analytical results are exclusively referred to the sample.

Representation of a Test Report signed electronically in accordance with current legislation.

This document can not be reproduced in part without the written permission of the laboratory.

Laboratory management system certified UNI EN ISO 9001: 2015 by CSQA with the No. 14270. Recommended by AIC for the analysis of quantification of gluten in food matrices. Registered laboratory for the analysis of food contact materials intended for export to Japan.

Laboratory registered in the list of regional laboratories carrying out analysis in the context of self-control procedures for Food Industries No. 52. It is the responsibility of the OSA to communicate the warnings to the bodies in charge

Mod.PT01.01 Rev.9

Test report n°: **20LA05884** of **01/06/2020**

obtain a quantitative measurement instrumentally; in microbiology the LoQ is of a theoretical nature; **LoD** = limit of detectability, is the lower limit of concentration below which the sample cannot be detected; in qualitative analyzes it represents the minimum concentration at which an analyte can be determined or not; **NQ** = unquantifiable, indicates a value less than LoQ; **NR** = not detectable, indicates a value lower than LoD; "<x" or ">x" respectively indicate a value lower or higher than the measuring range of the test, where x is the result

(S): Indicates a change from the previous version of the Test Report.

(le): Indicates that the parameters/activities are performed in subcontracting.

UNLESS OTHERWISE SPECIFIED: Quantitative microbiological tests are performed on single replica and two consecutive dilutions in accordance with UNI EN ISO 7218: 2013 (with the exception of the analysis of water and MPN); the results of this test report are not corrected for recovery factors (R) as the values of recovery are in the tolerance specified in the test method; summations are calculated using the criterion of the lower bound (LB)

(*): Test/activity not accredited by ACCREDIA

Notes:

§ Report in english version.

Technical Director

Dr. Giovanni Mitaritonna
Chemist

Ordine Interprov. Chimici del Veneto - Padova n° 910 SEZ. A

----- End of Test Report -----

The analytical results are exclusively referred to the sample.

Representation of a Test Report signed electronically in accordance with current legislation.

This document can not be reproduced in part without the written permission of the laboratory.

Laboratory management system certified UNI EN ISO 9001: 2015 by CSQA with the No. 14270. Recommended by AIC for the analysis of quantification of gluten in food matrices. Registered laboratory for the analysis of food contact materials intended for export to Japan.

Laboratory registered in the list of regional laboratories carrying out analysis in the context of self-control procedures for Food Industries No. 52. It is the responsibility of the OSA to communicate the warnings to the bodies in charge

Mod.PT01.01 Rev.9

Test report n°: **20LA05885** of **01/06/2020**

Dear
Colorificio Atria srl
C/da Camarro Formeca
91028 Partanna (TP)

Acceptance DataSubject of the test: **Generic Material**Transport: **Customer**Date of arrival: **29/04/2020** Time of arrival: **11.00**Acceptance date: **29/04/2020****Sample data**

Description: **AntiBacterial Washable water-based paint with double antibacterial action(preventive and inhibitory), super-opaque, anti-mold for interiors**

Sampling dataSampling by: **Customer**Place: **Customer location**

The analytical results are exclusively referred to the sample.

Representation of a Test Report signed electronically in accordance with current legislation.

This document can not be reproduced in part without the written permission of the laboratory.

Laboratory management system certified UNI EN ISO 9001: 2015 by CSQA with the No. 14270. Recommended by AIC for the analysis of quantification of gluten in food matrices. Registered laboratory for the analysis of food contact materials intended for export to Japan.

Laboratory registered in the list of regional laboratories carrying out analysis in the context of self-control procedures for Food Industries No. 52. It is the responsibility of the OSA to communicate the warnings to the bodies in charge

Mod.PT01.01 Rev.9

Test report n°: **20LA05885** of **01/06/2020**

Parameter - Specification <i>Method - Notes</i>	M.U.	Results Notes	LoQ	LoD	Test start Test end
Determination of antibacterial activity (R) - $R = (U_t - U_o) - (A_t - A_o)$ ISO 22196:2011		> 5.0	0,3		07/05/2020 10/05/2020
Determination of antibacterial activity (R) ISO 22196:2011	%	> 99.999	50		07/05/2020 10/05/2020
Size of test specimens (H x L)	mm	50x50			07/05/2020 10/05/2020
Thickness of test specimens	mm	2,0			07/05/2020 10/05/2020
Type of polymer used for the cover film		Polypropylene			07/05/2020 10/05/2020
Size of the cover film (H x L)	mm	40x40			07/05/2020 10/05/2020
Thickness of the cover film	mm	0,10			07/05/2020 10/05/2020
Type of Gram-negative strain		Pseudomonas aeruginosa - ATCC 27853			07/05/2020 10/05/2020
Method of conditioning		UV-C radiation (30 min per side)			07/05/2020 10/05/2020
Reference used		Inert Internal material (polypropylene)			07/05/2020 10/05/2020
Volume of test inoculum	ml	0,4			07/05/2020 10/05/2020
Number of viable bacteria in the test inoculum	n°	370000			07/05/2020 10/05/2020
Uo - N° of viable bacteria recovered from the untreated test specimens after inoculation	log	4,4	0,4		07/05/2020 10/05/2020
Ut - N° of viable bacteria recovered from the untreated test specimens after 24 h	log	5,0	0,4		07/05/2020 10/05/2020
At - Count bacteria recovered from the treated samples 24 hours post inoculation	log	NQ	0,4		07/05/2020 10/05/2020

★ (§) Test report reproduced in another language

30/04/2020

If the sampling is not the responsibility of 3ALaboratori srl, the latter declines all responsibility with regard to sampling information as provided by the Customer; the test results refer only to the sample as received. When these data include measurements that affect the measurement unit, the results expressed are obtained by processing them. The Acceptance Data is the responsibility of the Laboratory while the sample data are the responsibility of the Customer. If the sample is not suitable but the Customer chooses to continue anyway, the laboratory declines all responsibility for the results that could be influenced by the deviation

LEGEND: **U.M.** = Unit of measurement; **(Sup)** = upper limit; **(Inf)** = Lower Limit ; **LoQ** = limit of quantification, it is the lower limit of concentration above which it is possible to obtain a quantitative measurement instrumentally; in microbiology the LoQ is of a theoretical nature; **LoD** = limit of detectability, is the lower limit of concentration below which the sample cannot be detected; in qualitative analyzes it represents the minimum concentration at which an analyte can be determined or not; **NQ** = unquantifiable, indicates a value less than LoQ; **NR** = not detectable, indicates a value lower than LoD; "<x" or ">x" respectively indicate a value lower or higher than the measuring range of the test, where x is the result

The analytical results are exclusively referred to the sample.

Representation of a Test Report signed electronically in accordance with current legislation.

This document can not be reproduced in part without the written permission of the laboratory.

Laboratory management system certified UNI EN ISO 9001: 2015 by CSQA with the No. 14270. Recommended by AIC for the analysis of quantification of gluten in food matrices. Registered laboratory for the analysis of food contact materials intended for export to Japan.

Laboratory registered in the list of regional laboratories carrying out analysis in the context of self-control procedures for Food Industries No. 52. It is the responsibility of the OSA to communicate the warnings to the bodies in charge

Mod.PT01.01 Rev.9

Test report n°: **20LA05885** of **01/06/2020****(S)**: Indicates a change from the previous version of the Test Report.**(le)**: Indicates that the parameters/activities are performed in subcontracting.**UNLESS OTHERWISE SPECIFIED**: Quantitative microbiological tests are performed on single replica and two consecutive dilutions in accordance with UNI EN ISO 7218: 2013 (with the exception of the analysis of water and MPN); the results of this test report are not corrected for recovery factors (R) as the values of recovery are in the tolerance specified in the test method; summations are calculated using the criterion of the lower bound (LB)**(*)**: Test/activity not accredited by ACCREDIA**Notes:**

§ Report in english version.

Technical Director

Dr. Giovanni Mitaritonna
Chemist

Ordine Interprov. Chimici del Veneto - Padova n° 910 SEZ. A

----- End of Test Report -----

The analytical results are exclusively referred to the sample.

Representation of a Test Report signed electronically in accordance with current legislation.

This document can not be reproduced in part without the written permission of the laboratory.

Laboratory management system certified UNI EN ISO 9001: 2015 by CSQA with the No. 14270. Recommended by AIC for the analysis of quantification of gluten in food matrices. Registered laboratory for the analysis of food contact materials intended for export to Japan.

Laboratory registered in the list of regional laboratories carrying out analysis in the context of self-control procedures for Food Industries No. 52. It is the responsibility of the OSA to communicate the warnings to the bodies in charge

Mod.PT01.01 Rev.9

TŁUMACZENIE WYNIKÓW SPRAWOZDAŃ Z BADAŃ (Rapporto di prova)

Materiał poddany badaniom:

ANTIBACTERICAL farba na bazie wody o podwójnym działaniu antybakteryjnym (zapobiegawczym i hamującym),

Cel badań:

Oznaczenie aktywności anybakteryjnej farby **ANTIBACTERICAL** wobec wybranych szczepów bakterii chorobotwórczych

Sprawozdanie z badań n°: **20LA05886** z dnia **21/05/2020**

Parametr – Specyfikacja	J.M	Wyniki	LoQ	LoD	Początek testu
<i>Metoda – Uwagi</i>		<i>Uwagi</i>			<i>Koniec testu</i>
Oznaczenie działania przeciwbakteryjnego (R) - R=(Ut-Uo)-(At- Uo)		> 4.1	0,3		12/05/2020
ISO 22196:2011					14/05/2020
Oznaczenie działania przeciwbakteryjnego (R)	%	> 99,992	50		12/05/2020
ISO 22196:2011					14/05/2020
Wymiary powierzchni próbek (H x L)	mm	50x50			12/05/2020
					14/05/2020
Grubość próbek	mm	2.0			12/05/2020
					14/05/2020
Polimer powłoki kryjącej		Polipropylen			12/05/2020
					14/05/2020
Wymiary powierzchni powłoki kryjącej (H x L)	mm	40x40			12/05/2020
					14/05/2020
Grubość powłoki kryjącej	mm	0,10			12/05/2020
					14/05/2020
Szczep Gram-ujemny		Acinetobacter baumannii			12/05/2020
		ATCC-19606			14/05/2020
Metoda kondycjonowania		Promieniowanie UV-C			12/05/2020
		(30 min. na stronę)			14/05/2020
Użyte odniesienie		Materiał obojętny			12/05/2020
		wewnętrzny ((polipropylen)			14/05/2020
Objętość inokulum	ml	0.4			12/05/2020
					14/05/2020
Ilość bakterii w inokulum		200 0000			12/05/2020
					14/05/2020
Uo – liczba bakterii odzyskanych z próbek nie traktowanych po zaszczepieniu	log	4.1	0.4		12/05/2020
					14/05/2020
Ut - liczba bakterii odzyskanych z próbek nie traktowanych po 24 godzinach od zaszczepienia	log	4.1	0.4		12/05/2020
					14/05/2020
At - liczba bakterii odzyskanych z próbek traktowanych po 24 godzinach od zaszczepienia	log	N.Q	0.4		12/05/2020
					14/05/2020

Aktywność antybakteryjna: > 99,992%

Sprawozdanie z badań N° 20LA05887 z dnia 21/05/2020

Parametr – Specyfikacja	J.M	Wyniki	LoQ	LoD	Początek testu
<i>Metoda – Uwagi</i>		<i>Uwagi</i>			<i>Koniec testu</i>
Oznaczenie działania przeciwbakteryjnego (R) - $R = (U_t - U_o) - (A_t - U_o)$		> 5.0	0,3		07/05/2020
ISO 22196:2011					11/05/2020
Oznaczenie działania przeciwbakteryjnego (R)	%	> 99,999	50		07/05/2020
ISO 22196:2011					11/05/2020
Wymiary powierzchni próbek (H x L)	mm	50x50			07/05/2020
					11/05/2020
Grubość próbek	mm	2.0			07/05/2020
					11/05/2020
Polimer powłoki kryjącej		Polipropylen			07/05/2020
					11/05/2020
Wymiary powierzchni powłoki kryjącej (H x L)	mm	40x40			07/05/2020
					11/05/2020
Grubość powłoki kryjącej	mm	0,10			07/05/2020
					11/05/2020
Szczep Gram-ujemny		Enterococcus hirae			07/05/2020
		ATCC-1054			11/05/2020
Metoda kondycjonowania		Promieniowanie UV-C			07/05/2020
		(30 min. na stronę)			11/05/2020
Użyte odniesienie		Próbka nie traktowana			07/05/2020
					11/05/2020
Objętość inokulum	ml	0.4			07/05/2020
					11/05/2020
Ilość bakterii w inokulum		300 0000			07/05/2020
					11/05/2020
Uo – liczba bakterii odzyskanych z próbek nie traktowanych po zaszczepieniu	log	4.3	0.4		07/05/2020
					11/05/2020
Ut - liczba bakterii odzyskanych z próbek nie traktowanych po 24 godzinach od zaszczepienia	log	5.0	0.4		07/05/2020
					11/05/2020
At - liczba bakterii odzyskanych z próbek traktowanych po 24 godzinach od zaszczepienia	log	N.Q	0.4		07/05/2020
					11/05/2020

Aktywność antybakteryjna: > 99,999%

Sprawozdanie z badań N° 20LA05883 z dnia 21/05/2020

Parametr – Specyfikacja	J.M	Wyniki	LoQ	LoD	Początek testu
<i>Metoda – Uwagi</i>		<i>Uwagi</i>			<i>Koniec testu</i>
Oznaczenie działania przeciwbakteryjnego (R) - R = (Ut-Uo)-(At- Uo)		> 5.1	0,3		29/04/2020
ISO 22196:2011					02/05/2020
Oznaczenie działania przeciwbakteryjnego (R)	%	> 99,999	50		29/04/2020
ISO 22196:2011					02/05/2020
Wymiary powierzchni próbek (H x L)	mm	50x50			29/04/2020
					02/05/2020
Grubość próbek	mm	2.0			29/04/2020
					02/05/2020
Polimer powłoki kryjącej		Polipropylen			29/04/2020
					02/05/2020
Wymiary powierzchni powłoki kryjącej (H x L)	mm	40x40			29/04/2020
					02/05/2020
Grubość powłoki kryjącej	mm	0,10			29/04/2020
					02/05/2020
Szczep Gram-ujemny		Escherichia coli ATCC-8739			29/04/2020
					02/05/2020
Metoda kondycjonowania		Promieniowanie UV-C (30 min. na stronę)			29/04/2020
					02/05/2020
Użyte odniesienie		Materiał wewnętrznie obojętny (polipropylen)			29/04/2020
					02/05/2020
Objętość inokulum	ml	0.4			29/04/2020
					02/05/2020
Ilość bakterii w inokulum		350 0000			29/04/2020
					02/05/2020
Uo – liczba bakterii odzyskanych z próbek nie traktowanych po zaszczepieniu	log	4.3	0.4		29/04/2020
					02/05/2020
Ut - liczba bakterii odzyskanych z próbek nie traktowanych po 24 godzinach od zaszczepienia	log	5.1	0.4		29/04/2020
					02/05/2020
At - liczba bakterii odzyskanych z próbek traktowanych po 24 godzinach od zaszczepienia	log	N.Q	0.4		29/04/2020
					02/05/2020

Aktywność antybakteryjna: > 99,999%

Sprawozdanie z badań N° 20LA05883/01 z dnia 21/05/2020

Parametr – Specyfikacja	J.M	Wyniki	LoQ	LoD	Początek testu
<i>Metoda – Uwagi</i>		<i>Uwagi</i>			<i>Koniec testu</i>
Oznaczenie działania przeciwbakteryjnego (R) - R = (Ut-Uo)-(At- Uo)		> 3.8	0,3		29/04/2020
ISO 22196:2011					02/05/2020
Oznaczenie działania przeciwbakteryjnego (R)	%	> 99,984	50		29/04/2020
ISO 22196:2011					02/05/2020
Wymiary powierzchni próbek (H x L)	mm	50x50			29/04/2020
					02/05/2020
Grubość próbek	mm	2.0			29/04/2020
					02/05/2020
Polimer powłoki kryjącej		Polipropylen			29/04/2020
					02/05/2020
Wymiary powierzchni powłoki kryjącej (H x L)	mm	40x40			29/04/2020
					02/05/2020
Grubość powłoki kryjącej	mm	0,10			29/04/2020
					02/05/2020
Szczep Gram-ujemny		Staphylococcus aureus ATCC-6538			29/04/2020
					02/05/2020
Metoda kondycjonowania		Promieniowanie UV-C (30 min. na stronę)			29/04/2020
					02/05/2020
Użyte odniesienie		Materiał wewnętrznie obojętny (polipropylen)			29/04/2020
					02/05/2020
Objętość inokulum	ml	0.4			29/04/2020
					02/05/2020
Ilość bakterii w inokulum		140 0000			29/04/2020
					02/05/2020
Uo – liczba bakterii odzyskanych z próbek nie traktowanych po zaszczepieniu	log	4.0	0.4		29/04/2020
					02/05/2020
Ut - liczba bakterii odzyskanych z próbek nie traktowanych po 24 godzinach od zaszczepienia	log	3.8	0.4		29/04/2020
					02/05/2020
At - liczba bakterii odzyskanych z próbek traktowanych po 24 godzinach od zaszczepienia	log	N.Q	0.4		29/04/2020
					02/05/2020

Aktywność antybakteryjna: > 99,984%

Sprawozdanie z badań N° 20LA05885 z dnia 21/05/2020

Parametr – Specyfikacja	J.M	Wyniki	LoQ	LoD	Początek testu
<i>Metoda – Uwagi</i>		<i>Uwagi</i>			<i>Koniec testu</i>
Oznaczenie działania przeciwbakteryjnego (R) - R = (Ut-Uo)-(At- Uo)		> 5.0	0,3		07/05/2020
ISO 22196:2011					10/05/2020
Oznaczenie działania przeciwbakteryjnego (R)	%	> 99,999	50		07/05/2020
ISO 22196:2011					10/05/2020
Wymiary powierzchni próbek (H x L)	mm	50x50			07/05/2020
					10/05/2020
Grubość próbek	mm	2.0			07/05/2020
					10/05/2020
Polimer powłoki kryjącej		Polipropylen			07/05/2020
					10/05/2020
Wymiary powierzchni powłoki kryjącej (H x L)	mm	40x40			07/05/2020
					10/05/2020
Grubość powłoki kryjącej	mm	0,10			07/05/2020
					10/05/2020
Szczep Gram-ujemny		Pseudomonas aeruginosa ATCC-27853			07/05/2020
					10/05/2020
Metoda kondycjonowania		Promieniowanie UV-C (30 min. na stronę)			07/05/2020
					10/05/2020
Użyte odniesienie		Materiał wewnętrznie obojętny (polipropylen)			07/05/2020
					10/05/2020
Objętość inokulum	ml	0.4			07/05/2020
					10/05/2020
Ilość bakterii w inokulum		370 0000			07/05/2020
					10/05/2020
Uo – liczba bakterii odzyskanych z próbek nie traktowanych po zaszczepieniu	log	4.4	0.4		07/05/2020
					10/05/2020
Ut - liczba bakterii odzyskanych z próbek nie traktowanych po 24 godzinach od zaszczepienia	log	5.0	0.4		07/05/2020
					10/05/2020
At - liczba bakterii odzyskanych z próbek traktowanych po 24 godzinach od zaszczepienia	log	N.Q	0.4		07/05/2020
					10/05/2020

Aktywność antybakteryjna: > 99,999%

Sprawozdanie z badań n°: 20LA05884 z dnia 21/05/2020

Parametr – Specyfikacja	J.M	Wyniki	LoQ	LoD	Początek testu
<i>Metoda – Uwagi</i>		<i>Uwagi</i>			<i>Koniec testu</i>
Oznaczenie działania przeciwbakteryjnego (R) - R = (Ut-Uo)-(At- Uo)		> 3.5	0,3		13/05/2020
ISO 22196:2011					18/05/2020
Oznaczenie działania przeciwbakteryjnego (R)	%	> 99,968	50		13/05/2020
ISO 22196:2011					18/05/2020
Wymiary powierzchni próbek (H x L)	mm	50x50			13/05/2020
					18/05/2020
Grubość próbek	mm	2.0			13/05/2020
					18/05/2020
Polimer powłoki kryjącej		Polipropylen			13/05/2020
					18/05/2020
Wymiary powierzchni powłoki kryjącej (H x L)	mm	40x40			13/05/2020
					18/05/2020
Grubość powłoki kryjącej	mm	0,10			13/05/2020
					18/05/2020
Szczep Gram-ujemny		Staphylococcus aureus odporny na metacyklinę ATCC-33591			13/05/2020
					18/05/2020
Metoda kondycjonowania		Promieniowanie UV-C (30 min. na stronę)			13/05/2020
					18/05/2020
Użyte odniesienie		Materiał obojętny wewnętrzny ((polipropylen)			13/05/2020
					18/05/2020
Objętość inokulum	ml	0.4			13/05/2020
					18/05/2020
Ilość bakterii w inokulum		350 0000			13/05/2020
					18/05/2020
Uo – liczba bakterii odzyskanych z próbek nie traktowanych po zaszczepieniu	log	4.3	0.4		13/05/2020
					18/05/2020
Ut - liczba bakterii odzyskanych z próbek nie traktowanych po 24 godzinach od zaszczepienia	log	3.5	0.4		13/05/2020
					18/05/2020
At - liczba bakterii odzyskanych z próbek traktowanych po 24 godzinach od zaszczepienia	log	N.Q	0.4		13/05/2020
					18/05/2020
Odczyt 1 rozcieńczenie 1 PCA		40			13/05/2020
					18/05/2020

Aktywność antybakteryjna: > 99,968%

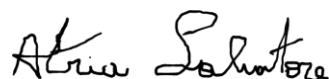
Dichiarazione di certificazione

Come produttore, confermo l'affidabilità della traduzione del certificato HACCP nell'ambito dei risultati della prova, rilasciato da Istituto Giordano per il prodotto denominato New Atriapol con l'originale Rapporto di prova n. 372231.

Jako producent, potwierdzam zgodność tłumaczenia certyfikatu HACCP w zakresie wyników badań, wystawionego przez Istituto Giordano dla produktu o nazwie New Atriapol z oryginałem Sprawozdania z badań n. 372231

Il Presidente

Colorificio Atria S.r.l



RAPPORTO DI PROVA N. 372231

Cliente

COLORIFICIO ATRIA S.r.l.

Contrada Camarro Formeca - 91028 PARTANNA (TP) - Italia

Oggetto*

New Atriapol

Attività

**analisi prestazionali su prodotti e sistemi
per la verniciatura di ambienti con presenza di alimenti**



Risultati

Prova	Esito	Limiti
determinazione della presa di sporco	$\Delta L < 1$	$\Delta L \leq 3,0$
cessione di odore	< 1	≤ 1
determinazione della resistenza al lavaggio	5000 cicli	≥ 5000
potere antimuffa ceppo Aspergillus Niger	su terreno nutritivo = 4 (sviluppo forte: superficie ricoperta $> 50\%$)	≤ 1
	in presenza di elevato grado di umidità = 0 (nessuno sviluppo)	
potere antimuffa ceppo Penicillium SPP	su terreno nutritivo = 4 (sviluppo forte: superficie ricoperta $> 50\%$)	≤ 1
	in presenza di elevato grado di umidità = 0 (nessuno sviluppo)	
resistenza al detergente "A" cloro attivo	nessuna alterazione dopo immersione per 24 h	nessuna alterazione
	vescicamento = 0	vescicamento = 0
	screpolature = 0	screpolature = 0
	sfogliamento = 0	sfogliamento = 0
resistenza al detergente "B" sgrassante alcalino	nessuna alterazione dopo immersione per 24 h	nessuna alterazione
	vescicamento = 0	vescicamento = 0
	screpolature = 0	screpolature = 0
	sfogliamento = 0	sfogliamento = 0
resistenza al detergente "C" disincrostante acido	nessuna alterazione dopo immersione per 24 h	nessuna alterazione
	vescicamento = 0	vescicamento = 0
	screpolature = 0	screpolature = 0
	sfogliamento = 0	sfogliamento = 0
resistenza al disinfettante "D"	nessuna alterazione dopo immersione per 24 h	nessuna alterazione
	vescicamento = 0	vescicamento = 0
	screpolature = 0	screpolature = 0
	sfogliamento = 0	sfogliamento = 0

(*) secondo le dichiarazioni del cliente.

Bellaria-Igea Marina - Italia, 16 giugno 2020

L'Amministratore Delegato

(Dott. Arch. Sara Lorenza Giordano)



Firmato digitalmente da SARA LORENZA GIORDANO

Commessa:
83862

Provenienza dell'oggetto:
campionato e fornito dal cliente

Identificazione dell'oggetto in accettazione:
2020/0815 del 24 aprile 2020

Data dell'attività:
dal 27 aprile 2020 al 12 giugno 2020

Luogo dell'attività:
Istituto Giordano S.p.A. - Blocco 4 - Via San Mauro, 8 - 47814 Bellaria-Igea Marina (RN) - Italia

Indice	Pagina
Descrizione dell'oggetto*	2
Riferimenti normativi	2
Apparecchiature	2
Modalità	2
Risultati	3

Il presente documento è composto da n. 3 pagine e non può essere riprodotto parzialmente, estrapolando parti di interesse a discrezione del cliente, con il rischio di favorire una interpretazione non corretta dei risultati, fatto salvo quanto definito a livello contrattuale.

I risultati si riferiscono solo all'oggetto in esame, così come ricevuto, e sono validi solo nelle condizioni in cui l'attività è stata effettuata.

L'originale del presente documento è costituito da un documento informatico firmato digitalmente ai sensi della Legislazione Italiana applicabile.

Responsabile Tecnico di Prova:

Dott. Oscar Filippini

Responsabile del Laboratorio di Chimica:

Dott. Oscar Filippini

Compilatore: Francesca Manduchi

Revisore: Dott. Oscar Filippini

Pagina 1 di 3

Descrizione dell'oggetto*

L'oggetto in esame è costituito da una idropittura in barattolo destinata ad ambienti con presenza di alimenti.

Riferimenti normativi

Documento	Titolo
norma UNI 11021:2002	Pitture e vernici - Prodotti e sistemi per la verniciatura di ambienti con presenza di alimenti - Requisiti e metodi di prova
HACCP - D. Lgs n. 193 del 6 novembre 2007	Attuazione della direttiva 2004/41/CE relativa ai controlli in materia di sicurezza alimentare e applicazione dei regolamenti comunitari nel medesimo settore
norma UNI 10792:1999	Pitture e vernici - Pitture in emulsione per interno bianche o leggermente colorate - Determinazione della presa di sporco
norma UNI 10560:1996	Prodotti vernicianti Pitture murali in emulsione per interno. Resistenza al lavaggio. Metodo della spazzola
norma UNI EN ISO 4628-2:2016	Pitture e vernici - Valutazione del degrado dei rivestimenti - Designazione della quantità e della dimensione dei difetti e della intensità delle alterazioni uniformi dell'aspetto - Parte 2: Valutazione del grado di formazione di bolle (blistering)
norma UNI EN ISO 4628-4:2016	Pitture e vernici - Valutazione della degradazione dei rivestimenti - Designazione della quantità e della dimensione dei difetti e della intensità nelle alterazioni uniformi dell'aspetto - Parte 4: Valutazione del grado di screpolatura
norma UNI EN ISO 4628-5:2016	Pitture e vernici - Valutazione della degradazione dei rivestimenti - Designazione della quantità e della dimensione dei difetti e della intensità nelle alterazioni uniformi dell'aspetto - Parte 5: Valutazione del grado di sfogliamento

Apparecchiature

Descrizione	Codice di identificazione interna
Spazzolatrice per resistenza al lavaggio (tipo Gardner)	CHG050S

Modalità

L'oggetto in esame è stato sottoposto a:

- determinazione della presa di sporco secondo le prescrizioni della norma UNI 10792:1999;
- cessione di odore secondo le prescrizioni dell'appendice "A" "Metodo per la determinazione della cessione di odore di pitture e vernici" della norma UNI 11021:2002;
- determinazione della resistenza al lavaggio secondo le prescrizioni della norma UNI 10560:1996;
- determinazione del potere antimuffa di pitture e vernici secondo le prescrizioni dell'appendice C "Metodo per la determinazione del potere antimuffa di pitture e vernici" della norma UNI 11021:2002 con ceppi di miceti *Aspergillus niger* e *Penicillium SSP*;
- resistenza a particolari agenti di lavaggio con detergente di tipo "A", "B" e "C" secondo le prescrizioni del paragrafo 8.4 "Resistenza a particolari agenti di lavaggio" della norma UNI 11021:2002;
- resistenza a particolari agenti di disinfezione con disinfettante di tipo "D" secondo le prescrizioni del paragrafo 8.5 "Resistenza agli agenti di disinfezione" della norma UNI 11021:2002.

(*) secondo le dichiarazioni del cliente, a eccezione delle caratteristiche espressamente indicate come rilevate; Istituto Giordano declina ogni responsabilità sulle informazioni e sui dati forniti dal cliente che possono influenzare i risultati.

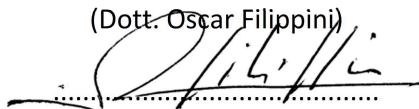
Risultati

Prova	Esito	Limiti
determinazione della presa di sporco	$\Delta L < 1$	$\Delta L \leq 3,0$
cessione di odore	< 1	≤ 1
determinazione della resistenza al lavaggio	5000 cicli	≥ 5000
potere antimuffa ceppo <i>Aspergillus Niger</i>	su terreno nutritivo = 4 (sviluppo forte: superficie ricoperta > 50 %)	≤ 1
	in presenza di elevato grado di umidità = 0 (nessuno sviluppo)	
potere antimuffa ceppo <i>Penicillium SPP</i>	su terreno nutritivo = 4 (sviluppo forte: superficie ricoperta > 50 %)	≤ 1
	in presenza di elevato grado di umidità = 0 (nessuno sviluppo)	
resistenza al detergente "A" cloro attivo	nessuna alterazione dopo immersione per 24 h	nessuna alterazione
	vescicamento = 0	vescicamento = 0
	screpolature = 0	screpolature = 0
	sfogliamento = 0	sfogliamento = 0
resistenza al detergente "B" sgrassante alcalino	nessuna alterazione dopo immersione per 24 h	nessuna alterazione
	vescicamento = 0	vescicamento = 0
	screpolature = 0	screpolature = 0
	sfogliamento = 0	sfogliamento = 0
resistenza al detergente "C" disincrostante acido	nessuna alterazione dopo immersione per 24 h	nessuna alterazione
	vescicamento = 0	vescicamento = 0
	screpolature = 0	screpolature = 0
	sfogliamento = 0	sfogliamento = 0
resistenza al disinfettante "D"	nessuna alterazione dopo immersione per 24 h	nessuna alterazione
	vescicamento = 0	vescicamento = 0
	screpolature = 0	screpolature = 0
	sfogliamento = 0	sfogliamento = 0

Il Responsabile Tecnico di Prova
(Dott. Oscar Filippini)



Il Responsabile
del Laboratorio di Chimica
(Dott. Oscar Filippini)



SPRAWOZDANIE Z BADAŃ N. 372231

(tłumaczenie oryginału)

Klient

COLORIFICIO ATRIA S.r.l

Contrada Camarro Formeca – 91028 Partanna (TP) – Włochy

Materiał*

New Atriapol

Działanie

analiza wyników produktów i systemów do malowania środowisk z obecnością żywności

Wyniki

Badanie	Pomiary	Limity
oznaczenie chłonności brudu	$\Delta L < 1$	$\Delta L \leq 3,0$
przenoszenie zapachu	< 1	≤ 1
oznaczenie odporności na mycie	5000 cykli	≥ 5000 cykli
działania zapobiegawczego w tworzeniu pleśni szczepu <i>Aspergillus Niger</i>	Na podłożu z pożywką = 4 (silny rozwój: powierzchnia pokryta ponad 50%)	≤ 1
	W obecności podwyższonego stopnia wilgotności = 0 (żadnego pokrycia)	
działania zapobiegawczego w tworzeniu pleśni szczepu <i>Penicillium SPP</i>	Na podłożu z pożywką = 4 (silny rozwój: powierzchnia pokryta ponad 50%)	≤ 1
	W obecności podwyższonego stopnia wilgotności = 0 (żadnego pokrycia)	
odporność na detergenty „A” aktywny chlor	Brak zmian po zanurzeniu przez 24 h	Bez zmian
	Pęcherze = 0	Pęcherze = 0
	Pękanie = 0	Pękanie = 0
	Łuszczenie = 0	Łuszczenie = 0
odporność na detergenty „B” odtłuszczacz alkaliczny	Brak zmian po zanurzeniu przez 24 h	Bez zmian
	Pęcherze = 0	Pęcherze = 0
	Pękanie = 0	Pękanie = 0
	Łuszczenie = 0	Łuszczenie = 0
odporność na detergenty „C” odkamieniacz kwasowy	Brak zmian po zanurzeniu przez 24 h	Bez zmian
	Pęcherze = 0	Pęcherze = 0
	Pękanie = 0	Pękanie = 0
	Łuszczenie = 0	Łuszczenie = 0
odporność na środki odkażające „D”	Brak zmian po zanurzeniu przez 24 h	Bez zmian
	Pęcherze = 0	Pęcherze = 0
	Pękanie = 0	Pękanie = 0
	Łuszczenie = 0	Łuszczenie = 0

*zgodnie z deklaracją klienta

Opis materiału*

Przedmiotowy materiał dostarczono w opakowaniu farby wodnej przeznaczonej do przestrzeni z obecnością żywności.

Normy referencyjne

Dokument	Tytuł
Norma UNI 11021:2002	Farby i lakiery – produkty i systemy do malowania środowisk z obecnością żywności – Wymagania i metody badań
HACCP – D.Lgs n.193 z 6 listopada 2007	Implementacja Dyrektywy 2004/41/CE w zakresie bezpieczeństwa żywności i stosowania rozporządzeń wspólnotowych w tym zakresie
Norma UNI 10792:1999	Farby i lakiery –Farby emulsyjne do wnętrz białe lub lekko barwione - Oznaczenie chłonności brudu
Norma UNI 10560:1996	Produkty do malowania Farby ścienne emulsyjne do wnętrz. Odporność na mycie. Metoda pędzla
Norma UNI EN ISO 4628-2:2016	Farby i lakiery – Oznaczenie stopnia degradacji powłok. Oznaczenie ilości i wielkości wad i intensywności jednolitych zmian w wyglądzie – Część 2: Oznaczenie stopnia tworzenia pęcherzy (blistering)
Norma UNI EN ISO 4628-4:2016	Farby i lakiery – Oznaczenie stopnia degradacji powłok. Oznaczenie ilości i wielkości wad i intensywności jednolitych zmian w wyglądzie – Część 4: Oznaczenie stopnia pęknięć
Norma UNI EN ISO 4628-5:2016	Farby i lakiery – Oznaczenie stopnia degradacji powłok. Oznaczenie ilości i wielkości wad i intensywności jednolitych zmian w wyglądzie – Część 5: Oznaczenie stopnia łuszczenia

Sprzęt

Opis	Kod wewnętrznej identyfikacji
Szczotkarka do badania odporności na mycie (typ Gardner)	CHG0505

Tryb

Badany materiał został dostarczony w celu:

- oznaczenie chłonności brudu zgodnie z wytycznymi normy UNI 10792:1999
- przenoszenie zapachu zgodnie z wytycznymi dodatku „A” „Metoda oznaczania przenoszenia zapachu farb i lakierów” normy UNI 11021:2002
- oznaczenie odporności na mycie zgodnie z wytycznymi normy UNI 10560:1996
- oznaczenie mocy zapobiegania tworzeniu pleśni farb i lakierów zgodnie z wytycznymi dodatku „C” „Metoda oznaczania działania zapobiegawczego w tworzeniu pleśni farb i lakierów” normy UNI 11021:2002 dla szczepów *Aspergillus Niger* i *Penicillium SSP*
- odporność na wybrane środki myjące z detergentami typu „A”, „B” i „C” zgodnie z wytycznymi paragrafu 8.4 „Odporność na wybrane środki myjące”
- odporność na wybrane środki dezynfekujące z dezynfektantami typu „D” zgodnie z wytycznymi paragrafu 8.5 „Odporność na środki dezynfekujące”

*zgodnie z deklaracjami klienta, z wyjątkiem charakterystyki wyraźnie wskazanej jako istotna;
 Istituto Giordano zrzeka się wszelkiej odpowiedzialności za dostarczone przez klienta informacje i dane, które mogą mieć wpływ na wyniki

Wyniki

Badanie	Pomiary	Limity
oznaczenie chłonności brudu	$\Delta L < 1$	$\Delta L \leq 3,0$
przenoszenie zapachu	< 1	≤ 1
oznaczenie odporności na mycie	5000 cykli	≥ 5000 cykli
działania zapobiegawczego w tworzeniu pleśni szczepu <i>Aspergillus Niger</i>	Na podłożu z pożywką = 4 (silny rozwój: powierzchnia pokryta ponad 50%)	≤ 1
	W obecności podwyższonego stopnia wilgotności = 0 (żadnego pokrycia)	
działania zapobiegawczego w tworzeniu pleśni szczepu <i>Penicillium SPP</i>	Na podłożu z pożywką = 4 (silny rozwój: powierzchnia pokryta ponad 50%)	≤ 1
	W obecności podwyższonego stopnia wilgotności = 0 (żadnego pokrycia)	
odporność na detergenty „A” aktywny chlor	Brak zmian po zanurzeniu przez 24 h	Bez zmian
	Pęcherze = 0	Pęcherze = 0
	Pękanie = 0	Pękanie = 0
	Łuszczenie = 0	Łuszczenie = 0
odporność na detergenty „B” odtłuszczacz alkaliczny	Brak zmian po zanurzeniu przez 24 h	Bez zmian
	Pęcherze = 0	Pęcherze = 0
	Pękanie = 0	Pękanie = 0
	Łuszczenie = 0	Łuszczenie = 0
odporność na detergenty „C” odkamieniacz kwasowy	Brak zmian po zanurzeniu przez 24 h	Bez zmian
	Pęcherze = 0	Pęcherze = 0
	Pękanie = 0	Pękanie = 0
	Łuszczenie = 0	Łuszczenie = 0
odporność na środki odkażające „D”	Brak zmian po zanurzeniu przez 24 h	Bez zmian
	Pęcherze = 0	Pęcherze = 0
	Pękanie = 0	Pękanie = 0
	Łuszczenie = 0	Łuszczenie = 0

Podpis technika odpowiedzialnego za badania

Podpis odpowiedzialnego za laboratorium chemiczne

HACCP Test Report

UNI 11021:2002 · Istituto Giordano · Report No. 372231

Unofficial English translation, provided for reference. The official, legally binding document is the original issued by Colorificio Atria S.r.l. (see the preceding page(s)). All values are reproduced verbatim from the original.

Manufacturer's certification statement: "As the manufacturer, I confirm the reliability of the translation of the HACCP certificate (within the scope of the test results) issued by Istituto Giordano for the product named New Atriapol, against the original Test Report no. 372231." — The President, Colorificio Atria S.r.l.

TEST REPORT

Issuing body	Istituto Giordano S.p.A., Via G. Rossini 2, 47814 Bellaria-Igea Marina (RN), Italy
Report number	372231 — dated 16 June 2020
Client	Colorificio Atria S.r.l., C.da Camarro Formeca, 91028 Partanna (TP), Italy
Object tested	New Atriapol — a water-based paint (in can), intended for environments where food is present
Order / acceptance	Order 83862; sampled and supplied by the client; acceptance ref. 2020/0815 of 24 April 2020
Test period	27 April 2020 – 12 June 2020

Normative references

UNI 11021:2002 (Paints & varnishes — products and systems for coating environments where food is present — requirements and test methods); HACCP — Legislative Decree no. 193 of 6 Nov 2007; UNI 10792:1999 (dirt pick-up); UNI 10560:1996 (wash resistance, brush method); UNI EN ISO 4628-2/4/5:2016 (blistering / cracking / flaking).

Results

Test	Result	Limit
Dirt pick-up (ΔL)	$\Delta L < 1$	$\Delta L \leq 3.0$
Odour transfer	< 1	≤ 1
Wash resistance	5,000 cycles	$\geq 5,000$
Anti-mould — <i>Aspergillus Niger</i>	nutrient medium = 4 (strong growth); at high humidity = 0 (no growth)	≤ 1
Anti-mould — <i>Penicillium SPP</i>	nutrient medium = 4 (strong growth); at high humidity = 0 (no growth)	≤ 1
Resistance to detergent "A" (active chlorine)	no alteration after 24 h immersion — blistering 0, cracking 0, flaking 0	no alteration

Test	Result	Limit
Resistance to detergent “B” (alkaline degreaser)	no alteration after 24 h immersion — blistering 0, cracking 0, flaking 0	no alteration
Resistance to detergent “C” (acid descaler)	no alteration after 24 h immersion — blistering 0, cracking 0, flaking 0	no alteration
Resistance to disinfectant “D”	no alteration after 24 h immersion — blistering 0, cracking 0, flaking 0	no alteration

Test Technical Manager & Chemistry Laboratory Manager: Dr. Oscar Filippini. Bellaria-Igea Marina, Italy — 16 June 2020. The product met all UNI 11021:2002 requirements for surfaces in environments where food is present.