

Fecha de Alta

27-12-2012

Versión

1E - 12/04/2024



FAMILY

PAREDES Y TECHOS / SISTEMAS TINTOMÉTRICOS

LINE

MATE

DESCRIPTION AND NATURE

Sanitizing matte plastic paint. ZERO bacteria and ZERO mold. With antibacterial activity certificate: it incorporates silver ions that give the dry paint film already applied, resistance to the growth of bacteria (reduction of 99.9% in 24 hours) and molds. ZERO emissions and ZERO odor: with A + low emission certificate, it also has a very low concentration of volatile organic compounds VOC: 0.2 g / l, 150 times less than required for its category. It does not emit an odor when applied, it allows you to enable spaces immediately without discomfort. This product contributes to LEED®, BREEAM® and VERDE certifications.

USAGES

Indoors/Outdoors

Sports centres, indoor swimming pools, changing rooms, etc.

Food processing plants, supermarkets, etc

Clinics, hospitals, homes for the elderly, schools, nurseries, etc.

Walls and ceilings

Cement mortars

Concrete

Brick

Plaster

Dripping effect

Drywall (gypsum plasterboard): fibreboard

Because of its low emission and low odour properties, it is particularly recommended for indoor use.

PROPERTIES



- Low odour

- Security Certification for Toys according to Standard EN 71-3:2013 + A1:2014

- Gloss level: matt (according to UNE-EN 13300, at 85° reflectance < 10)

- Euroclasses certification as per norm UNE EN 13501-1:07:B-s1-d0

Opacity: Class 1 for a performance of 5.5 m2/litre (according to Standard UNE-EN 13300). This information may vary depending on the colour chosen.

- Mildew-proof film. Paint with anti-mildew preservative to prevent the spread of fungus on the applied paint film, once dried.

- Emission free paint. Tested and classified as class A+ after 28 days of trials in WESSLING laboratories (certified to conduct trials in emission chambers).

- According to Eurofins Biolab S.r.l. based on the results obtained, interpreted according to ASTM E 2180-2007, it has antibacterial activity that causes a 99.84% reduction against *Staphylococcus aureus* and a 99.89% against *Pseudomonas aeruginosa*, after 24h of contact

- Washability: Class 2 (according to Standard UNE-EN 13300)

- According to AINIA, and based on the results obtained, interpreted according to the ISO21702:2019 standard, it has antiviral activity: 99.99% reduction of feline Calicivirus; 99.94% reduction of human Coronavirus; 99.17% reduction of Influenzavirus A, after 24 hours of contact

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TECHNICAL CHARACTERISTICS

Referencia Color	UNO ZERO BLANCO
Finish	.
Specific weight	1,53± 0,05 kg/l
Viscosity	90 +/- 15 PO
Solids in volume	43± 1
Solids in weight	64± 1
VOC	Cat. a/BA 75/30 (2007/2010):0,15 g/l
Aproximated performance by coat	12-14 m ² /L
Dry to touch	(20°C HR:60%):1h
Dry to repaint	(20°C HR:60%):3-4h
Colours	White BL base Tintometric System Colours.

SURFACE PREPAIRING

New surfaces

Cement and concrete mortars:

1. Wait until fully set (min. 30 days).
2. Clean any efflorescence with a jet washer.
3. Neutralize alkaline surfaces.
4. Sand polished surfaces to create a rougher surface.
5. Clean the surface to remove foreign products.
6. Set crumbly substrates with Fixer Emulsion or Fijamont.
7. Fill in defects in the substrate (see family 6)

Plaster, plaster-covered brick:

1. Wait until it is completely dry (max. 20% humidity).
2. Clean the surface to remove foreign products.
3. Clean any efflorescence with a jet washer.
4. Regulate surface absorption with sealer, fixer, or a diluted coat of the same product
5. Sand polished surfaces to create a rougher surface
6. Set crumbly substrates with Fixer Emulsion or Fijamont.
7. Fill in defects in the substrate (see family 6)

Plasterboard partition walls:

1. Carry out a general sanding of the joints and putty fixing areas.
2. Then, clean them to ensure the substrate is free of dust, grease and other contaminants.
3. For application on coloured boards that tend to generate stains, apply Montoplac Stain-Resistant Sealer.

Restoring and maintenance

1. Completely remove old paint that is in poor condition or that is poorly-adhered.
2. Glossy surfaces should be thinned out to ensure good adhesion.
3. On painted surfaces, check that the paint is solid and well-adhered. Its condition must be assessed, in order to avoid possible incompatibilities. Dust and dirt must also be eliminated before repainting.
4. Apply filler (Plasmont) to any defects on the surface.

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5. Pre-treat mouldy walls using Montolimp.

WAY OF USE

Application notes

- Remove the product until perfectly homogeneous.
- Apply on clean and dry surfaces, removing dirt with soapy water. In the case of extreme dirt, it is advisable to use degreasing agents or cleaning detergents.
- Apply in accordance with requirements marked in the attached application table.
- Do not apply the product at temperatures below 5° nor on surfaces exposed to strong sunshine.
- Maintain good ventilation conditions during the drying time.
- Do not apply whilst the relative humidity is above 80%.
- For a perfect finish we recommend applying with a spray gun, but if you do use a roller it should be one designed for varnishing.
- Do not wash for the first 24 days.
- Clean tools with water immediately after use.
- Never apply it outdoors if there is an imminent risk of rain, and avoid excessively wet days.
- For spraying with Airless equipment, use 15 to 23 inch nozzles, pressure \approx 150 bar.

Solvent for dilution and cleaning

Water

Way of use	Aproximate dilution
Painting brush	5-20%
Roller	5-20%
Air-less gun	5-30%

SYSTEM

Procedures depending of surface type

	Primer	Intermedium	Finish
Inner painted old work in good state			
MAX			
STD	Uno Zero Diluido		Uno Zero
Inner painted old work in good state			
MAX	Eliminar + Fijador	Uno Zero	Uno Zero
STD	Eliminar + Uno Zero Diluido		Uno Zero
Project			
MAX	Fijador	Uno Zero	Uno Zero
STD	Uno Zero Diluido		Uno Zero
Drywall (gypsum plasterboard)			
MAX	Uno Zero Diluido	Uno Zero	Uno Zero
STD	Uno Zero Diluido		Uno Zero

SECURITY

Do not eat, neither drink, nor smoke during the application. In case of contact with eyes, wash abundantly with clean water. Keep away from children. Do not throw in darin. Keep product in dry area, under cover and temperature between 5 to 35°C. For further information, please check product safety sheet.

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NOTE

Maximum recommended storage time : 24 months since its fabrication in its original packaging perfectly closed, stored indoors and at temperatures between 5º and 35ºC

Information here indicated is based on our actual knowledge, laboratory testing and taking in count the practical use under specific circumstances. As it is impossible to establish an adequate description for every nature and status of the supports to be painted, we are unable to warrant the absolute reproductibility in each specific use

PACKINGS

0.75 L, 4 L, 12 L, 15 L