

Fecha de Alta

15-02-2016

Versión

11 - 21/04/2026


**FAMILY** PAREDES Y TECHOS / SISTEMAS TINTOMÉTRICOS

**LINE** MATE PREMIUM

**DESCRIPTION AND NATURE**

Photocatalytic coating that purifies and purifies the interior environment, reducing gaseous pollutants and substances harmful to health (for example formaldehyde or NOx). It also works by breaking down and eliminating bad odors. Certified photocatalytic activity, it acts once the paint film dries and as long as it is kept in good condition. It also offers excellent performance as a decorative paint: smooth matt finish with high coverage and resistance. With bactericidal and virucidal efficacy test. This product contributes to LEED®, BREEAM® and VERDE certifications.

**USAGES**

Indoors

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

Food processing plants, supermarkets, etc

Clinics, hospitals, homes for the elderly....

Cement, Plaster, Concrete, Brick

Old, firmly fixed matt paints

Masonry

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

**PROPERTIES**


Reduction of organic gaseous pollutants. Up to 80% of formaldehyde removed in 3 hours (Certification as per ISO 22197:2007-4; CSIC. Instituto Torroja)

Reduction of non-organic gaseous pollutants. NOx eliminated (ISO 22197: 2007-1; CSIC-ITQ-UPV)

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

Meets Indoor Air Comfort Gold emissions test (Eurofins) (only in white)

Surface virucidal activity (ISO21702 adapted from ISO27447; AINIA): 99.99% reduction of Feline Calicivirus; 99.96% reduction of Human Coronavirus; 99.57% reduction of Influenzavirus A, after 24 hours of contact.

Surface bactericidal activity (ISO27447; AINIA): 99.99% reduction of Staphylococcus aureus after 8 hours of irradiation with UV light with intensities between 0.1 - 0.25 mW.cm2


**TECHNICAL CHARACTERISTICS**

Referencia Color	SMART AIRE PURO BLANCO
Finish	Matt
Specific weight	1,54± 0,05 kg/l
Viscosity	100 +/- 15 PO
Solids in volume	47± 1
Solids in weight	67± 1
VOC	Cat. a/BA 75/30 (2007/2010):0,04 g/l

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Aproximated performance by coat 14-16 m<sup>2</sup>/L

Dry to touch	(20°C HR:60%):1h
Dry to repaint	(20°C HR:60%):3-4h
Colours	White and a selection of colours.
Washability	Clase 2

## SURFACE PREPARING

### New surfaces

Cement mortars:

1. Wait until completely set (minimum 30 days).
2. Clean off any efflorescence with a sand blaster.
3. Neutralise alkaline surfaces.
4. Sand polished surfaces to increase porosity.
5. Remove foreign products from the base.
6. Fix crumbling bases with Emulsión Fijadora or Fijamont.
7. Fill in any defects/flaws in the base (see family 6).

Plaster:

1. Wait until the plaster is dry (maximum 20% humidity).
2. Remove undesired products from the base.
3. Clean off any efflorescence with a sand blaster.
4. Control the absorbency of the base using a sealant, fixative or a diluted coat of the same product.

### Restoring and maintenance

1. Remove any old paint that is flaking away or in poor condition.
2. Glossy surfaces should be dulled down to improve adhesion.
3. On painted bases, check the existing paint is in good condition and firmly adhered, diagnose the type of paint to avoid any incompatibility, and remove dust and dirt before repainting.
4. Use plaster to fill any defects in the base (to make a suitable selection, see the PREPARING BASES family for lines corresponding to powder plaster and prepared fillers).
5. Treat mildewed surfaces with Monto Limpia Moho.

## WAY OF USE

### Application notes

Stir the product until perfectly blended.

Do not apply the product when room temperature is under 5°C or to surfaces exposed to strong sunlight.

### Solvent for dilution and cleaning

Water

Way of use	Aproximate dilution
Painting brush	al uso
Roller	al uso
Air-less gun	5%
Air-mix gun	5%
Aerographic gun	5%
Low pressure turbo	5%

## SYSTEM

### Procedures depending of surface type

	Primer	Intermedium	Finish
<b>New work</b>			
<b>MAX</b>	Smart aire puro	Smart aire puro	Smart aire puro
<b>STD</b>	Smart aire puro		

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**Asphalt fabric**

<b>MAX</b>	Smart aire puro	Smart aire puro	Smart aire puro
<b>STD</b>	Smart sire puro		

**Old paintings in bad state**

<b>MAX</b>	Eliminar+Fijador+Smart aire puro	Smart aire puro	Smart aire puro
<b>STD</b>	Eliminar+Smart aire puro		Smart aire puro

**Plasterboard**

<b>MAX</b>	Smart aire puro	Smart aire puro	Smart aire puro
<b>STD</b>	Smart aire puro		Smart aire puro

**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 stablish an adecuate 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**

4 L, 12 L

**FAMILY  
LINE****DESCRIPTION AND NATURE**

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<b>Asphalt fabric</b>			
<b>MAX</b>	Smart aire puro	Smart aire puro	Smart aire puro
<b>STD</b>	Smart aire puro		
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<b>Plasterboard</b>			
<b>MAX</b>	Smart aire puro	Smart aire puro	Smart aire puro
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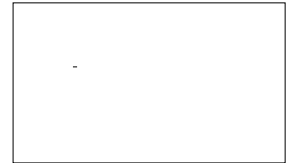
# SMART AIRE PURO BLANCO

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## NOTE

## PACKINGS

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