

Fecha de Alta

15-05-2009

Versión

1C - 12/08/2024



**FAMILY**  
**LINE**

**PAREDES Y TECHOS**  
**MATE**

### DESCRIPTION AND NATURE

Matt emulsion paint, economic, for indoors use. Gives excellent whiteness and anchorage, good covering. High breathability.

### USAGES

Indoors  
Walls and ceilings  
Cement mortars  
Concrete  
Brick  
Plaster  
Dripping effect  
Drywall (gypsum plasterboard): fibreboard

### PROPERTIES



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

Washability: Class 4 (according to Standard UNE-EN 13300)

Opacity: Class 2 for a performance of 8 m<sup>2</sup>/litre (according to Standard UNE-EN 13300)

Gardner Washability Standard DIN 53778: 100 d.p

### TECHNICAL CHARACTERISTICS

Referencia Color	TORNADO BLANCO
Finish	.
Specific weight	1,67± 0,05 kg/l
Viscosity	120 +/- 15 PO
Solids in volume	46± 1
Solids in weight	69± 1
VOC	Cat. a/BA 75/30 (2007/2010):0,80 g/l
Aproximated performance by coat	8-10 m <sup>2</sup> /L
Dry to touch	(20°C HR:60%):1h
Dry to repaint	(20°C HR:60%):>3-4h
Colours	White

### 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)

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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.
5. Pre-treat mouldy walls using Monto Limpia Moho.

**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.
- 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	10-20%
Roller	10-20%
Air-less gun	5-30%

**SYSTEM****Procedures depending of surface type**

	Primer	Intermedium	Finish
<b>Inner painted old work in good state</b>			
<b>MAX</b>			
<b>STD</b>	Tornado Diluido		Tornado
<b>Inner painted old work in good state</b>			
<b>MAX</b>	Eliminar + Fijador	Tornado	Tornado
<b>STD</b>	Eliminar + Tornado Diluido		Tornado
<b>Project</b>			
<b>MAX</b>	Fijador	Tornado	Tornado

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<b>STD</b>	Tornado Diluido	Tornado
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**Drywall (gypsum plasterboard)**

<b>MAX</b>	Tornado Diluido	Tornado	Tornado
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<b>STD</b>	Tornado Diluido	Tornado
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**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.

**NOTE**

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

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 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**

4 L, 15 L