



TECHNICAL INFORMATION

AERO COATING

Available
Certification



DESCRIPTION:

Medium-thickness façade coating with a mineral matt appearance, based on acrylic resins and polysiloxanes, for the decoration and protection of all types of masonry surfaces. Extremely long durability. Contains film preservative that provides excellent protection against a wide spectrum of fungi and algae.

Characteristics:

-) Mineral matt appearance.
-) Excellent hydrophobicity.
-) Resistant to weathering and sunlight.
-) Good flexibility.
-) Light product, therefore easier to apply.
-) Thermal isolation, anti-condensation.
-) Fungicide - algaecide.

TECHNICAL DATA:

Fixed vehicle	Acrylic + polysiloxanes.	
Colour	White.	
Gloss	Mineral matt.	UNE-EN ISO 2813
Solids by weight	53 %	UNE-EN ISO 3251
Solids by volume	50 %	UNE 48090
Specific weight	0.95 – 1.05 Kg./l (23 ± 2 °C)	UNE-EN ISO 2811-1
pH	>8.5 (23 ± 2 °C)	UNE-EN ISO 787-9
Theoretical spreading rate	Thin coat: 7 m ² /l and coat. Application losses, surface irregularities, etc. must be taken into account. Thick coat: 3 m ² /l and coat. Application losses, surface irregularities, etc. must be considered.	
Total drying	2 – 4 hours.	UNE 48301
Repaint	12 – 24 hours.	
Solvent	Water.	
Reaction to fire	Bs1d0	UNE-EN 13501-1:2007
Permeability to water vapour	V ₂ (Medium)	UNE-EN ISO 7783-2
Liquid water transmission rate	W ₃ (Low)	UNE-EN 1062-3
Classification	Thin coat: EN 1062-1 G ₃ E ₃ S ₂ V ₂ W ₃ A ₀ C ₀ Thick coat: EN 1062-1 G ₃ E ₄ S ₂ V ₂ W ₃ A ₁ C ₀	UNE-EN 1062-1

EU limit value for this product (cat. A/c): 40 g/l (2010). Max. content VOC: 1 g/l

Pinturas Decolor

Industrial Estate El Salvador Avenue 3^a, Parcels 4 and 5

Apdo. 106 – 02630 La Roda (Albacete) Spain

Phone: +34 967 44 17 14

Fax: +34 967 44 33 54

E-mail: dptotecnico@decolor.com

<http://www.decolor.com>



TECHNICAL INFORMATION

AERO COATING

Available
Certification



ISO 22007-2:2008	Room temperature	
Thermal conductivity (λ)	0,303	W.m ⁻¹ .K ⁻¹
Thermal diffusivity (α)	0,208	mm ² .s ⁻¹

Thermal conductivity: Capacity of the material to transfer heat.

ASTM E408/E903/E1980	
Solar reflectance (%)	83,1
Thermal emittance ϵ (%)	89
SRI (solar reflectance index)	104

Solar Reflectance: is the fraction of the solar energy that is reflected by a roof, expressed as a number between 0 and 1 or as a percentage. The higher the value, the better the roof reflects solar energy.

Thermal Emittance: is the amount of absorbed heat that is radiated from a roof, expressed as a number between 0 and 1 or as a percentage. The higher the value, the better the roof radiates heat.

Solar Reflectance Index (SRI): indicates the roof's ability to reject solar heat, and is the combined value of reflectivity and emittance. It is defined so that a standard black is 0 (R 0.05, E 0.90) and a standard white is 100 (R 0.80, E 0.90).

APPLICATION:

Mineral appearance coating for the decoration and protection of all kinds of exterior masonry surfaces. Suitable for application as a thin coat paint or as a thick coating capable of filling micro-cracks in the substrate, levelling surface imperfections and restoring single coat mortars on facades. Prevents fungal and algae growth and surface tensions. Maintains the appearance of the surface by providing durability, dirt repellency, water repellency, weather resistance, thermal insulation, anti-condensation and durable colours with sunlight resistance.

INSTRUCTIONS FOR USE:

Application methods: brush, roller, spray, trowel.
Thinner and cleaning utensils: Water.

Pinturas Decolor

Industrial Estate El Salvador Avenue 3^a, Parcels 4 and 5
Apdo. 106 – 02630 La Roda (Albacete) Spain

Phone: +34 967 44 17 14 Fax: +34 967 44 33 54

E-mail: dptotecnico@decolor.com

<http://www.decolor.com>



TECHNICAL INFORMATION

AERO COATING

Available
Certification



Painted surfaces must be dry and clean of dust, rust, grease, etc. and primed properly:

-) Masonry substrates: Apply DECOKRIL RAPID as primer.
-) Metal surfaces: Apply POLYVALENTE AQUA PRIMER or POLYVALENTE PRIMER
-) Uralite, some PVC's and plastics: Apply HIGH ADHERENCE PRIMER
-) Vitrified tiles: Apply DECOKRIL RAPID or HIGH ADHERENCE PRIMER
-) Bituminous surfaces: Apply DECOKRIL RAPID as primer.

If the existing paint is in poor condition, remove it completely.

If the surface shows fungal or algae growth, clean it beforehand.

Brush / Roller: ready to use. For first coat without primer, or on uneven surfaces, dilute maximum 5% with water.

Spray gun: ready to use. Spray gun: Pressure 150 bar, nozzle 223 (0.023" - 0.58mm).

Trowel: ready to use.

In general, we recommend:

-) Apply between 5 °C and 35 °C.
-) It is not recommended to apply in full sun or high temperatures of the surface.
-) Perfectly mix the product before use.
-) In case of contamination by fungus or algae:
 - Wash with a solution of water and bleach to 10%.
 - Rinse with water.
 - Let dry completely before beginning to paint.
 - Use products with protection against FUNGUS.
-) In case of presence of saline efflorescence:
 - Brush and wash with hydrochloric acid diluted to 10% with water.
 - Rinse with water.
 - Let dry completely before beginning to paint.

PRESENTATION:

Plastic packaging of: 4 Litres; 14 Litres

STORAGE:

12 months in closed original container under roof and temperatures between 5 °C and 35 °C and protected from the weather.

Pinturas Decolor

Industrial Estate El Salvador Avenue 3ª, Parcels 4 and 5
Apdo. 106 – 02630 La Roda (Albacete) Spain

Phone: +34 967 44 17 14 Fax: +34 967 44 33 54

E-mail: dptotecnico@decolor.com

<http://www.decolor.com>



TECHNICAL INFORMATION

AERO COATING

Available
Certification



ADDITIONAL INFORMATION:

The information contained in this document serves as a guide for the user but does not constitute a guarantee. For information about safety and the environment, please refer to the Safety Data Sheet.

Pinturas Decolor

Industrial Estate El Salvador Avenue 3ª, Parcels 4 and 5
Apdo. 106 – 02630 La Roda (Albacete) Spain

Phone: +34 967 44 17 14 Fax: +34 967 44 33 54

E-mail: dptotecnico@decolor.com

<http://www.decolor.com>