



## TECHNICAL INFORMATION

### IMPER-ELAST PLUS



#### DESCRIPTION:

Elastic waterproofing coating for the protection and waterproof of vertical exterior surfaces, formulated using 100% acrylic copolymers curable by UV rays.

#### Features:

- ) High coverage.
- ) Barrier against the CO<sub>2</sub>, protecting the concrete from the carbonation.
- ) Weather and UV sun light resistant.
- ) Perfect elongation and traction resistance.
- ) Low absorption of water.
- ) Stable pigments and exterior resistant.
- ) Waterproofing and breathable.
- ) Paint with protection against fungus and algae.

#### TECHNICAL DATA:

Fixed vehicle	Acrylic copolymer.	
Colour	Chart colours DECORTEX / IMPER-ELAST and tinting systems DECO-COLOR.	
Gloss	Matt G <sub>3</sub> . 85° ≤ 10	UNE-EN ISO 2813
Solids by weight	65 %	UNE-EN ISO 3251
Solids by volume	49 %	UNE 48090
Viscosity	126 – 134 KU (23 ± 2 °C)	UNE 48076
Specific weight	1.30 – 1.40 Kg/l (23 ± 2 °C)	UNE-EN ISO 2811-1
pH	8.0 – 10.0 (23 ± 2 °C)	UNE-EN ISO 787-9
Total spreading rate	Without fissures performance: 3-4 m <sup>2</sup> /l  With fissures performance: Cracks up to 1 mm: 2-3 m <sup>2</sup> /l Cracks up to 2 mm: 1-1,5 m <sup>2</sup> /l. In this case, it is appropriate to reinforce with a mesh.  Take in mind application leaking, surface irregularities, etc.	
Total drying	2 – 4 hours.	UNE 48301
Repaint	12 – 24 hours.	
Solvent	Water.	
Reaction to fire	Class M-1	UNE 23727
Reaction to fire	Bs1d0	UNE-EN 13501-1:2007
Elongation at break	110 %	Thickness 300 microns dry
Tensile strength	4.10 N/mm <sup>2</sup>	Thickness 300 microns dry
Permeability to water vapour	V <sub>2</sub> (Medium)	UNE-EN ISO 7783-2

#### Pinturas Decolor

Industrial Estate El Salvador Avenue 3<sup>a</sup>, 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](mailto:dptotecnico@decolor.com)

<http://www.decolor.com>



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Liquid water transmission rate	W <sub>3</sub> (Low)	UNE-EN 1062-3
Classification	EN 1062-1 G <sub>3</sub> E <sub>4</sub> S <sub>1</sub> V <sub>2</sub> W <sub>3</sub> A <sub>0</sub> C <sub>0</sub>	UNE-EN 1062-1

EU limit value for this product (cat. A/c): 40 g/l (2010). Max. content VOC: 5 g/l

#### APPLICATION:

Elastic and waterproofing revetment for the protection in general of vertical surfaces built with materials of different dilatation coefficients (brick walls, concrete, etc). Due to its high elasticity avoid in most of the cases the appearance of cracks and fissures.

#### INSTRUCTIONS FOR USE:

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

Brush/roller: 5% water  
Airless gun: 5-10% water

##### Application data for airless gun

Nozzle: 0.53-0.78 mm (0.021-0.031")  
Spray angle: 40° - 80°  
Nozzle pressure: 20 MPa (200 kp/cm<sup>2</sup>, 2800 psi)

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

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

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

Old surfaces must be strongly brushed, eliminating completely the grease and dust, as well as any other contamination.

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

If you want to colour it can be used DECOLOR WATER COLORANT or DECOLOR UNIVERSAL COLORANT, at most 5%.

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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: 15 L

#### STORAGE:

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

#### 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.

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