

**TECHNICAL INFORMATION****DECOKRIL FLEX****DESCRIPTION**

DECOKRIL FLEX is a two-component waterproofing mortar, ideal for highly flexible cementitious waterproofing works. In addition to exceptional protection, it is able to bridge small cracks through a variety of cementitious substrates.

DECOKRIL FLEX can be used in new and existing concrete structures.

Application fields:

- ✚ Waterproofing and protection of structures.
- ✚ Swimming pools, tanks or cisterns.
- ✚ Hydraulic structures.
- ✚ Terraces and balconies.
- ✚ Prefabricated structures.
- ✚ Foundation walls.
- ✚ Concrete also in industrial environment.
- ✚ Shower basins.
- ✚ Concrete protection.

Features:

- ✚ Resistant to water and weather.
- ✚ Alkali-resistant substrates.
- ✚ Exterior and interior.
- ✚ Eco friendly.
- ✚ Solvents free.
- ✚ It is possible to interlace between layers armour based on veil, glass fabric, mesh, etc.

**TECHNICAL DATA**

Colour	White.	
Solids by weight	78 % (A+B) 50:50 73 % (A+B) 60:40	UNE-EN ISO 3251
Specific weight	1.00 – 1.10 kg/l (23 ± 2 °C)	UNE-EN ISO 2811-1
pH	7.0 – 9.0 (23 ± 2 °C)	UNE-EN ISO 787-9
Theoretical spreading rate	In bonding layer: approx. 0,120 l/m <sup>2</sup> . In mortar (A+B) 50:50 – 2.3 kg/m <sup>2</sup> and 1 mm thick. In mortar (A+B) 60:40 – 2.2 kg/m <sup>2</sup> and 1 mm thick. Take in mind application leaking, surface irregularities, etc.	
Recommended thickness	Minimum 2 mm in two layers (1 to 2 mm per layer).	
Repaint	12 – 24 hours.	
Contact with water	10 days aprox.	
Tensile strength	>1,5 N/mm <sup>2</sup>	

**Pinturas Decolor**

Industrial Estate El Salvador Avenue 3<sup>a</sup>, Parcels 4 and 5  
02630 La Roda (Albacete) Spain  
Phone: +34 967 44 17 14

E-mail: [dptotecnico@decolor.com](mailto:dptotecnico@decolor.com)

<http://www.decolor.com>

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Elongation at break	450	7 days
Elongation at break	330	7 days + 7 days in water
Water uptake 72 h	<3%	
Water uptake 7 days	10%	
Water diffusion	4,2 g/m <sup>2</sup> d	Wet cup.
Solvent	Water	

EU limit value for this product (cat. A/c): 40 g/l (2010). Max. content VOC: 0 g/l

**APPLICATION**

DECOKRIL FLEX is ideal as a waterproofing and protective coating applied to a variety of residential and commercial structures, including swimming pools, showers, cisterns, terraces, balconies and cement walls, among others.

**INSTRUCTIONS FOR USE**

Cleaning utensils: Water. Tools and tools will be cleaned with water immediately after use.




The surfaces to be painted must be dry and clean of dust, rust, grease, free of poorly adhering parts, surface laitance, etc.

Absorbent substrates should be pre-wet slightly before applying DECOKRIL FLEX.

Mixing should preferably be done with a low-speed electric mixer (500-600 rpm). Add the powder component to the liquid component and mix for 2-3 minutes until getting a homogeneous mixture.

The application can be done by trowel, brush, long haired roller or by spraying. DECOKRIL FLEX can be applied with or without reinforcing mesh.

Cement, concrete: The concrete must first be set for which it must have been 1 month since its application. The weak parts of the concrete must be eliminated and all possible defects of the support must be repaired prior to application.

-  Apply the first coat as primer DECOKRIL RAPID.
-  Production in bonding layer: Mix 1 part of DECOKRIL FLEX with 1 part of water.
-  Mortar production: Add the powder component to the liquid while mixing. Mix perfectly until get a total homogeneous mixture using a mixer at low revolution 500 rpm. The mixture has a pot life of minimum 1 hour. Mix 60-50 parts liquid in weigh DECOKRIL FLEX (A) with 40-50 parts in weigh DECOKRIL FLEX (B).

Waterproof the surface with DECOKRIL FLEX (A+B).

Time for immersion in water: 7 - 10 days at 20 °C.

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Handling is the same as for a cement-based mortar.

For an effective work of the product, it should be applied in at least 2 coats with a minimum total thickness of approx. 2-3 mm.

For standard waterproofing: 3.0 kg/m<sup>2</sup> (2 coats). In case of high-water pressure: 4.0 kg/m<sup>2</sup> (2 or 3 coats).

Do not apply the second coat until the first coat begins to harden (approx. from 4 to 6 hours at 20 °C).

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**

Component A: plastic packaging of 5 L; 20 L

Component B: packaging of 15 kg

**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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