

DencrylTM CM42-PRO

Membrane for roofing and general waterproofing

Description

Dencryl CM42-PRO is a formulated methacrylate membrane of high flexibility which is suitable for waterproofing interior and exterior surfaces.

Dencryl CM42-PRO is permanent UV stable, flexible and can absorb movements of the substrate. The membrane offers excellent bonding properties to most substrates, and will form a permanent watertight and durable waterproofing solution. To work out an individual solution for your specific requirements, please consult a Dencoat representative for detailed information.

Application

After preparing the surface, apply the **Dencryl CM42-PRO** membrane with a notched rake or a long-haired roller in 1 – 2 mm thickness per layer. For enhanced crack bridging properties, a reinforced fiber mesh can be build-in between layers. Make sure the membrane covers the entire area in the required thickness. It is important to avoid blisters during the application. For application on vertical surfaces, it is recommended to apply the **Dencryl CM42-THIX** 10-15 cm up the walls and columns or fixed machineries, before installing the **Dencryl CM42-PRO** on the horizontal area, to avoid any water leakage.

Characteristics of Dencryl™ M42 as delivered

Property	Measuring method	Approx. value
Viscosity at +20°C	DIN 53 015	6000 - 8000 mPa·s
Flow time at +20°C, 4 mm cup	ISO 2431	80 – 110 sec.
Density D ₄ ²⁰	DIN 51 757	1.2 g/cm ³
Flash point	DIN 51 755	+10°C
Pot life at +20°C (100 g, 2 % pbw. hardening powder)		12 - 15 min.
Application temperature		0°C to +30°C
Ultimate elongation when hardened		180 % at +23°C

Hardener dosages

Temperature	Hardening powder % pbw. *	Pot life approx. min.	Hardening time approx. min.
0°C	6.0	20	80
+5°C	5.0	20	60
+10°C	4.0	15	40
+15°C	3.0	15	40
+20°C	2.0	15	40
+25°C	1.5	10	30
+30°C	1.0	8	25

* The quantity of hardening powder is always related to the quantity of resin.

CE	
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22 ¹⁾	
CM42-PRO - 001	
EN 13813 SR-AR1-B1,5-IR4	
Synthetic resins for internal uses (Application in accordance with the newest technical information)	
Reaction to fire:	E _{fl}
Release of corrosive substances (Synthetic Resin Screed):	SR
Water permeability:	NPD ²⁾
Wear resistance (Abrasion Resistance):	AR 1 ³⁾
Bond strength:	B 1,5
Impact resistance:	IR 4
Sound insulation:	NPD ²⁾
Sound absorption:	NPD ²⁾
Thermal resistance:	NPD ²⁾
Chemical resistance:	NPD ²⁾

CE-labelling

- 1) Last two digits of the year in which the ce marking was affixed.
- 2) NPD = No performance determined.
- 3) Refers to a smooth surface without broadcasting.

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