

# Dencryl<sup>TM</sup> CM42-THIX

High thixotropic membrane for vertical waterproofing

## Description

**Dencryl CM42-Thix** is a high viscous formulated methacrylate membrane of high flexibility which is suitable for water proofing vertical interior and exterior surfaces.

**Dencryl CM42-Thix** resin is permanent UV stabile, flexible and will bond to most substrates. To work out an individual solution for your specific requirements, please consult a **Dencoat** representative for detailed information.

## Application

After preparing the surface, apply **Dencryl CM42-THIX** membrane with a paint brush and roller on vertical surfaces.

For application on horizontal surfaces, it is recommended to apply the **Dencryl CM42-PRO**.

## Characteristics of Dencryl M42-THIX as delivered

Property	Measuring method	Approx. value
Viscosity at +20°C	DIN 53 015	10.000 - 20.000 mPa·s
Flow time at +20°C, 4 mm cup	ISO 2431	80 – 110 sec.
Density D <sub>4</sub> <sup>20</sup>	DIN 51 757	1.2 g/cm <sup>3</sup>
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.

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22 <sup>1)</sup>	
CM42-THIX - 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 II
Release of corrosive substances (Synthetic Resin Screed):	SR
Water permeability:	NPD <sup>2)</sup>
Wear resistance (Abrasion Resistance):	AR 1 <sup>3)</sup>
Bond strength:	B 1,5
Impact resistance:	IR 4
Sound insulation:	NPD <sup>2)</sup>
Sound absorption:	NPD <sup>2)</sup>
Thermal resistance:	NPD <sup>2)</sup>
Chemical resistance:	NPD <sup>2)</sup>

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