

Dencryl ACP

Ready mixed coving paste to produce Dencryl Covings

Description

Dencryl ACP is a solvent free, Acrylic Coving paste.

Fields of application

Dencryl ACP is designed for use as a coving paste in **Dencryl flooring Systems**. Please refer to individual system data sheets.

Features and benefits

- Easy to apply
- Elongation >350%
- Excellent bond to substrate
- Fast curing

Substrate preparation

All substrates must be structurally sound, clean and dry and free from oil, grease and loose material and any other contamination which might impair adhesion. Mechanical preparation such as captive shot blasting, scarification, and diamond grinding for edge work should be used to produce a substrate surface profile suitable for the application of a resin finish. The tensile strength of the substrate should exceed 1.5MPa. The residual moisture content should be less than 5%. **Dencryl ACP** should be applied when substrate temperatures are constant or falling to minimise the risk bubble and void formation due to expansion of air within

the substrate when temperatures are rising. This is particularly important to note on external applications. The curing reactions are influenced by the ambient, material and substrate temperatures. Low temperatures lengthen the pot life, open- and curing times. High temperatures shorten pot life, open- and curing times. The temperatures should not fall below the minimum stated until the material is fully cured. The temperature of the substrate must be at least 3°C above the dew point both during the application and for at least a further 24 hours (at 15°C).

Application

Dencryl ACP (part A) is supplied in prepacked units along with **Dencryl RC Hardener** (part B). Take an appropriate volume of Dencryl ACP and mix with part B. Add Dencoat Coulor Quartz to the mix to obtain a mortar. Suggested mix ratio is one part Dencryl ACP to 3 parts Coulor Quartz. Mix with a low speed (ca.300 rpm) electric drill and paddle for at least 3 minutes until homogeneous. Ensure that the primer layer is complete to fully seal the substrate concrete. Broadcast **Dencoat Quartz** into the still wet primer to provide a bond bridge for subsequent layers.

Consumption

Dencryl ACP: 2 kg mix/LM depending on build thickness.

Cleaning agent

Tools must be cleaned immediately after use with **Dencoat Tool Cleaner** or other suitable solvent.

Packaging

Dencryl ACP is supplied in 20 kg units.

Shelflife

Minimum 12 months stored in original containers under dry conditions at a temperature between 15-20°C. Do not expose to direct sunlight.

Characteristics of Dencryl ACP as delivered

Property	Measuring method	Approx. value
Mixing Ratio A:B		10 kg : 0,2 kg
Mixed density		0,98 kg/l
Viscosity at 23°C	Brookfield DV-II	>30,000 cP
Working time at 23°C		10 minutes
Ready for traffic at 23°C		30 minutes
Fully cured 23°C		2 hours
Substrate temperature		-30°C - +30°C
Max relative humidity		Max 85 %

Characteristics of Dencryl ACP in the hardened state

Property	Measuring method	Approx. value
Thickness		N/A
Density	DIN 53479	1.5 g/ml
SHORE D hardness	DIN 53505	60
Elongation	DIN 53 455	350%

Hardener dosages

Temperature	Hardening powder % pbw. *	Pot life approx. min.	Hardening time approx. min.
0°C	5.0	15	60
+10°C	4.0	15	50
+20°C	2.0	12	40
+30°C	1.0	10	30

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

	
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ACP - 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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