

Dencryl™ P13

Reactive medium-viscosity primer for metal substrates

PROPERTIES

Dencryl™ P13 is a primer with very fast curing, PMMA based (Polymethyl methacrylate) for systems dencryl, to be applied on metallic surfaces.

ADVANTAGE

- Easy processing
- 1 component
- Good properties resistant to corrosion
- Optimal viscosity
- Fast curing
- Inside and outside applicable
- Applicable horizontally and vertically

APPLICATION AREA

Dencryl™ P13 is a 1 air drying component for galvanized steel and non-ferrous steel and excellent adhesion.

PRELIMINARY ANALYSIS

Before starting the subfloor preparations and applying the products, it is important to test different parameters to achieve a good and sustainable result.

Surface pressure resistance:
less. 25 N / mm².

Surface tensile strength:
less. 1.5 N / mm².

Dencryl™ P13 must be applied on a dry surface.

Moisture content in the subsoil:
≤ 5% humidity.

SUBFLOOR PREPARATION

The surface must be prepared mechanically. This can be done by sandblasting or through the sanded surface. The roughness ratio of metal surfaces is SA 3.

Sandblast rust away. The surface must be dry and free of impurities such as grease, oil or dust.

Galvanized steel thoroughly cleaned with Soap and water or sandblasting with advance.

Metal surfaces after mechanical preparation, immediately unleashed with SOLVENT Mek. After completely evaporate the SOLVENT MEK, apply **Dencryl™ P13**.

APPLICATION

Dencryl™ P13 is distributed evenly with a brush or roll of painting. Apply a thin film.

TIPS / COMMENTS

Higher temperatures and ventilation accelerate drying.

Dencryl™ P13 can be applied with airless spray equipment always with a dilution of 5 to 10% of xylene.

For mixing spray equipment of air, 10 to 20% xylene is added.

Consumption 0.25 kg / m²

TECHNICAL DATA

Odor: solvent

Launcher: Do not add a launcher Min.

Formation temperature of the MFT film
+ 10°C

Viscosity: 900 - 1200 mPa.s (20°C
Brookfield, spindle III / 50 r / min.)
Specific mass: 1.5 g / cm³ ± 0.3 (20°C)
Flash point: 47°C (xylene, DIN 51 755).

CE TABEL

Artificial resin primer coat - To superimpose surfaces.

Reaction to fire Efl

Release of corrosive components
MR

Water Imperative NPD

Wear resistance (Taber) <45 mg

CS10-1000 p.c. - 1 kg

Adhesive strength S 3.5 I m Corrosion

resistance (DIN EN ISO 6272)> 10 Nm

NPD sound insulation

NPD sound absorption

Thermal resistance NPD

Chemical resistance

PACKAGING

Dencryl™ P13

5 kg metal bucket

25 kg metal bucket

STORAGE

Dry and well ventilated place between +5 and + 35°C.

Validity period: 12 months later from the production date.

Do not discharge into groundwater, surface waters or sewers.

Disposal of packaging and waste contaminated according to requirements applicable legal.

1. Priming (Use in systems A - D)

Item	Component	Guideline recipe (% by weight)	Comments	Batch for 10 litre bucket
1	Dencryl™ P13	100 %		10 kg 10 litres
	Total:	100 %	Average consumption: 300-400 g/m²	10 kg 10 litres
2	Dencryl™ Hardening Powder	1.0 – 4.5 % related to item 1	See “Hardener dosages” table for quantities, C	100 – 450 g

Characteristics of Dencryl™ P13 as delivered

Property	Measuring method	Approx. value
Viscosity at +20°C		180 - 250 mPa·s
Density D ₄ ²⁰	EN ISO 2811-2	0.99 g/cm ³
Flash point	DIN 51 755	+10°C
Pot life at +20°C (100 g, 1.5 % pbw. hardening powder)		12 - 14 min.
Application temperature		-10°C to +30°C

Equipment cleaning

The equipment can be cleaned immediately after use with **Dencoat™ Tool Cleaner**, ethyl acetate or acetone.

Safety advice

Dencryl™ P13 resin is highly flammable as delivered. Please refer to the current safety data sheet for information on how to handle the material safely.

CE	
DenCoat · Calle Paraguay 14/2 · 35204 Vigo · Pontevedra · Spain	
10 ¹⁾	
P13 - 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

DIN EN 13 813 “Screed material and floor screeds - Screed material - Properties and requirements” (Jan. 2003) specifies requirements for screed material that is used for floor constructions in interiors. Plastic coatings and sealers are also covered by this standard. Products that conform to the above standard are to be identified with the CE mark.

- 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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