

DEMCO[®] EPOX 115 PR

Description

DEMCO EPOX 115 PR, solvent free, epoxy-based primer. It penetrates the application surface very well and increases the impact and chemical resistance. It provides better adhesion for following layers.

Working Conditions

The temperature in the operation area should be in the range of 15 °C - 30 °C.

Mixing

The component B is poured into the can of component A and they are mixed together for 3 minutes using a mixer, till a homogenous mixture is obtained. It is recommended that the mixer speed is low not to cause air bubbles in the mixture.

Advantages

Solvent free.

Low viscosity and easy to apply.

Provides dust free surfaces.

Increases the impact and chemical resistance of concrete.

Penetrates into the application surface and fills up the capillary holes.

Resistance to cold grease and mechanical oil which are used in repair and maintenance.

Surface Preparation and Application Method

The application surface has to be cleaned and made completely rust, oil, dust and contaminant free. Loose parts on the surface must be removed. Bright surfaces must be roughed by fraise or shot-blast. Solvent Free Epoxy Based Impregnation Primer DEMCO EPOX 100 PR is applied on a thoroughly cleaned surface. If necessary, surfaces can be leveled with epoxy paste after priming. Epoxy Primer DEMCO EPOX 115 PR is applied on a thoroughly cleaned surface. DEMCO EPOX 115 PR can also be used with adding quartz. Recommended DEMCO EPOX 115 PR:Quartz mixing ratio is 1:1.

Consumption

Consumption amount depends on thickness (400 g/m²: 350 – 370 μ).

Thinner

Do not add any thinner.

Package

Total : 20 kg (A: 14 kg /B: 6 kg)

Storage and Shelf Life

It should be kept in its original, unopened package and in closed and dry places, which are at 15 – 25°C. It must not stay under direct sunlight. Under these conditions, the shelf life is 12 months.

Technical Properties

Number of Components	2
Mixing Ratio (by weight)	A/B (70/30)
Mixing Density (g/cm ³ , 20°C) (TS EN ISO 2811-1)	1,08 ± 0,10
Pot Life (min., 23°C, 100 ml) (DIN 16945)	40 - 60
Mixing Viscosity (mPas, 25°C) (EN ISO 3219)	500 - 800
Curing Time (23°C) (TS 4317)	
Dry to Touch (Hours)	10 - 12
Fully Cured (Week)	1
Shore D (ASTM D 2240)	~ 70

Safety Measures

Product's skin contact must be avoided. In case of contact, skin must be washed with water. Eyes should be flushed with water and medical attention must be sought immediately. Wear suitable protective clothing, gloves and goggles. Keep away from children.

Attention

Applied surface temperature must be between 15°C- 30°C and temperature must not be under 10°C.

When applying in indoor and outdoor areas, ground, ambient temperature and ambient humidity must be paid attention.

Ground relative humidity must be under % 4 and ambient humidity must be under % 80.

There mustn't be touching or water contact on the application area till 24 hours pass after the application.

Just enough quantities of the product must be mixed for the application. Application must not stop till the whole mixture is consumed.

DEMCO EPOX 115 PR' s complete curing time at 20°C- 25°C is approximately 7 days.

LEGAL WARNING: The above specifications are based on laboratory test results. It is recommended to consult Technical Service for special applications and the newly designed studies. Our company is not responsible for unsuitable conditions and studies which are not under our control.

Approvals / Standards

☑ It has been tested according to EN 1504-2 under the scope of the certificate.

