

DEMCO[®] PUR 385 TOP COAT/S

Description

DEMCO PUR 385 TOP COAT/S is a two component, polyurethane top coat paint. It has very good chemical resistance, water resistance and excellent mechanical strength. As a top coat coating for food and beverage warehouse floors, store, office and home floors, industrial floors, warehouses, supermarkets, workshops, sales departments, school, hospital, pharmaceutical industry, food industry, electronics industry, treatment facilities and similar places. can be used. It is applied on wood, metal and concrete surfaces.

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 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.

Surface Preparation and Application Method

The application surfaces should be free from oil, rust, dust and similar impurities. There should be no moisture on the application surface. If the surface to be applied is sheet metal, it should be primed with Surface Tolerant Primer-Paint (Steel) DEMCO EPOX 148 STEEL or Solvent Epoxy Primer (Steel) DEMCO EPOX 132 PR / S after sandblasting; Wood should be primed with Solvent Free Epoxy Impregnated Primer DEMCO EPOX 100 PR after it is cleaned with a sandpaper or scissor machine, cleaned of dust and dried. If the application surface is concrete, the surface should be roughened with shot-blast, slim or freeze. The prepared concrete surface should be primed with Solvent Free Epoxy Impregnated Primer DEMCO EPOX 100 PR in a way to be impregnated by considering the application instructions. Cracks and holes on the surface, if any, should be repaired using epoxy putty. Following this, Polyurethane Top Coat Paint DEMCO PUR 385 TOP COAT / S is applied with a brush, roller or gun.

The surface is coated with UV Resistant, Solvent Top Coat Paint DEMCO PUR 412 TOP COAT UVS with a consumption of 0.150 kg / m² in 1 coat in order to protect the surface from sun rays in outdoor applications and to protect the surface against scratches and dirt in indoor applications.

ATTENTION! It is designed for horizontal floors due to its exceptionally good spreading feature; Since it may cause sagging and sagging on vertical surfaces, attention should be paid to the application consumption.

Consumption

100 – 150 µ dry film thickness is obtained with a consumption of 0.200 - 0.300 kg / m² in a single layer.

Thinner

If necessary DEMCO PUR 1000 THINNER can be used for 3-5% thinning.

Package

Total : 20 kg (A: 17,40 kg / B: 2,60 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 (87/13)
Mixing Density (g/cm ³ , 20°C) (TS EN ISO 2811-1)	1,50 ± 0,10
Pot Life (min., 23°C, 100 ml) (DIN 16945)	70 - 100
Mixing Viscosity (mPas, 25°C) (EN ISO 3219)	200 - 400
Curing Time (23°C) (TS 4317)	
Dry to Touch (Hours)	5 - 7
Overcoating (Hours)	12 - 24
Fully Cured (Week)	1

Mechanical Properties

Abrasion Resistance (mg) (Taber, CS17, 1kg, 1000rev) (ASTM D 4060)	~ 10
Pull-off (Breaking from Concrete) (N/mm ²) (TS EN 1542)	~ 2,5
Torsion (Cylindrical Mandrel) (TS 4328)	< 2

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 % 65.

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.

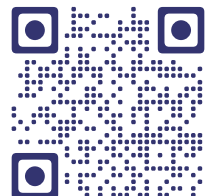
DEMCO PUR 385 TOP COAT/S' s complete curing time 20°C – 25°C is approximately 7 days.

After the primer layer is applied, care should be taken to ensure that the surface of the primer has reached the touch hardness, and DEMCO PUR 385 TOP COAT/S should be applied approximately 24 hours later depending on the ambient temperature.

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.



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