

DEMCO[®] PUR 350 SELF

Description

DEMCO PUR 350 SELF is a two component, polyurethane based, semi elastic floor coating. It has excellent impact and tear resistance. It is a perfect floor coating material for industrial floors, parking lot, warehouses, supermarkets, workshops, schools, hospitals, medicine facility floors, electronic industry, etc.

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 surface has to be cleaned and made completely rust, oil, dust and contaminant free. Surface shouldn't be humid. Loose parts on the surface must be removed. Bright surfaces should be cleaned with shot blast or fraise. 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. Solvent free, Polyurethane Based, Semi-Elastic, Self Leveling Floor Coating DEMCO PUR 350 SELF is applied special roller on surface. Forming air bubbles must be removed using needle roller. In order to protect DEMCO PUR 350 SELF' s surface from sunlight in outdoor and to protect against scratching the surface and pollution, one layer of DEMCO PUR 412 TOP COAT UVS/HM is applied at a consumption rate of 0,150 kg/m².

ATTENTION! Due to spreading very well, it is designed for horizontal surfaces. For vertical surfaces it is not eligible to use because of sagging and flowing.

Thinner

Do not add any thinner.

Consumption

For a dry film thickness of 1 mm, 1,800 – 2,000 kg/m² should be used.

Package

Total : 25 kg (A: 21,75 kg /B: 3,25 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 6 months.

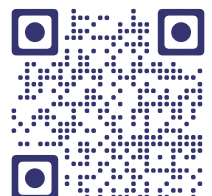
Technical Properties

Number of Components	2
Mixing Ratio (by weight)	A/B (87/13)
Mixing Density (g/cm ³ , 20°C) (TS EN ISO 2811-1)	1,70 ± 0,10
Pot Life (min., 23°C, 100 ml) (DIN 16945)	40 - 70
Mixing Viscosity (mPas, 25°C) (EN ISO 3219)	2000 - 4000
Curing Time (23°C) (TS 4317)	
Dry to Touch (Hours)	8 - 10
Overcoating (Hours)	24
Fully Cured (Week)	1

Chemical Resistance Table

Solutions	Strength
Sulfuric Acid (H ₂ SO ₄) (% 10)	2 - 3
Sulfuric Acid (H ₂ SO ₄) (% 20)	2 - 3
Hydrochloric Acid (HCl) (% 10)	2 - 3
Hydrochloric Acid (HCl) (% 20)	2
Nitric Acid (HNO ₃) (% 10)	2 - 3
Acetic Acid (CH ₃ COOH) (% 10)	2
Xylene	1 - 2
Ethyl Alcohol	2
Solvent Naphtta	2
Sodium Hydrochloride (NaOH) (%20)	3

Tendency: 3-Extra strong, 2-Strong, 1-Endurable.



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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 must not 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 350 SELF' s complete curing time 20°C – 25°C is approximately 7 days.

After priming, it must be paid attention to the dry to touch of primed surface. According to ambient temperature, DEMCO PUR 350 SELF can be applying about 24 hours later.

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

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

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