DRYLEX
New Generation Solutions

EPOXY SL

TECHNICAL DATA SHEET

DESCRIPTION

It is an epoxy resin-based, two-component, solvent-free and color flooring of fast curing, which is used as self levelling multilayer or thin coat coating.

ADVANTAGES

- High-build finish
- High solids and high chemical resistant
- Hygienic and easily cleaned
- Good colour stability and antibacterial
- Excellent slip resistance with the use of selected aggregates
- Excellent high gloss fnish and abrasion resistant

RECOMMENDED USES

Food processing and beverage areas

- Chemical plant rooms
- Engineering workshops
- Automotive & aviation areas
- Factory units
- Warehouses
- Used as a seal coat for various DRYLEX fooring systems

USAGE AND CONSUMPTION

Suitable for use in all industrial flooring 1,5 - 2,0 mm floor covering

As impregnation primer: DRYLEX EPOXY PRIMER …….....200 - 250 g/m^2

As midcoat: DRYLEX EPOXY SL …….....750 g/m^2 + 475 g Filler

As topcoat : DRYLEX EPOXY SL.....…….....… 750 g/m^2

PACKAGING

42,5 kg set of DRYLEX EPOXY SL

A ; consists of Component A in one pail of net 20 kg and Component B in one gallon of net 5 kg and Component C one pail is 17,5 kg.

STORAGE

Storage the product in a cool and dry place.

Shelf life of the product is 24 Months for Components A and B when stored properly in the original container unopened.

TECHNICAL DATA

Finish	Gloss
Color	All colors
Density	(20˚C) 1,50 ± 0,05 kg/l
(A+B+C) Density	(20˚C) 1,85 ± 0,05 kg/l (A+B+C)
Mixing Ratio	4:1 (A:B – by weight)

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Solids by volume	%100 (A+B)
Pot Life	(+10°C) 50 minutes (+30°C) 20 minutes
Wait Time Between Coats	(20˚C) 24 hours
Light Traffic	(20˚C) 24 hours
Fully Cured	(20˚C) 7 days
Compression Strength	80 N/mm² (in full cure) / EN 1504-2
Taber Abrasion Resistance	70 mg (in full cure)
Flexural Strength	30 N/mm² (in full cure) / EN 13813

APPLICATION SURFACE PREPARATION

Floor surface should be clean and defect-free. All loose, friable particles oil and paint leftovers and cement laitance on the surface should be removed. Wide breaks and defects should be repaired beforehand. Rules of surface preparation should be observed during the priming procedure.

Strength: Mechanically, it resists against mechanical effect of medium to high load. And thermally, it resists up to +80 °C at humid temperature (also without any chemical and mechanical effect) and up to +120 °C at dry temperature.

Application Conditions: Relative humidity of the air should be 80% maximum and the application (ambient and surface) temperature should be between 5 and 35 °C. - In case it is applied outdoors, it should not be rainy 24 hours before and after and during the application. - Surface temperature should be 3°C above the then DRYLEX point.

Mixing Procedure: It is a two-component product and it should, therefore, be prepared at the mix ratio specified for the quantity to be used, taking into consideration the pot life. For a homogenous mixture, make sure that the product temperature should not be less than 15°C. Component A should be stirred by itself by use of a mechanical mixer quickly and then the hardener (Component B) should be added, taking care of the mix ratio. Components A and B should be stirred for minimum 3 minutes until you have a homogenous mixture. For higher compressive strength, quartz sand in the respective mix ratio (%25 by weight- 0.1-0.3 mm quartz sand) is added to the ready mixture and the mixing operation is continued until it becomes homogenous.

Surface Application: After making ready to apply, the mixture is applied with toothed trowel on the surface primed and level balanced for self-levelling fooring. Air bubbles of the fresh fooring that spreads over the surface thoroughly should be removed by spiked roller. Roller is used for thin coating. Wait time between the coats is minimum 24 hours (20°C) and maximum 5 days. It is very important that the second coat should be applied within the time for overcoating specified above. It reaches to a full mechanical and chemical strength in about 7 days.

CLEAN UP

Cellulosic or Epoxy thinner.

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HEALTH AND SAFETY

DRYLEX EPOXY SL is formulated from materials designed to achieve the highest level of performance as safely as possible. However, specific components require proper handling and suitable equipment, this information is given in the relevant safety data sheets. In all cases, spillages or skin contamination should be cleaned as soon as practically possible, by dry wiping of the affected area, and thorough washing with soap and water. The information given in this data sheet is derived from tests and experience with the products and is believed to be reliable. The information is offered without guarantee to enable purchasers to determine for themselves the suitability of the product for their particular application. Any specification or advice given by DRYLEX or its agents is based on the information supplied by the purchaser. DRYLEX cannot be held accountable for errors or omissions as a result of that information being incorrect or incomplete. No undertakings can be given against infringement of patents. Some materials are derived from natural sources. As such some variation may occur. Site conditions may also contribute to variation in finish and colour.

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