

TECHNICAL DATA SHEET

DYNAPOK SD EPOXY PRIMER 2/C

Product Code: 7960

JANUARY 2015 – Ed.6

DESCRIPTION

DYNAPOK SD is a two-component low viscosity epoxy catalyzed with polyamine adducts for use as primer in JUNO Epoxy Systems.

USE - INTERIOR

As a primer on concrete floors or cement mortars.
Prevents premature deterioration of concrete and prevents dust coming from it.
Seals, waterproofs and protects concrete surfaces against spills of different products of varied nature. Product is Solvent-free.
Product offers excellent adhesion and chemical resistance.

PROPERTIES

- Seals and consolidates concrete floors
- Greatly improves adherence of consecutive coats
- Provides uniform finish
- Excellent chemical resistance

TWO-COMPONENT MIXTURE PROPORTION

MIXING RATIO	WEIGHT	VOLUME
COMPONENT A	70	63
COMPONENT B	30	37

SHIPPING

Packaging: 4/15 litres
Shipping Weight:
Units per pallet: 150/33

Finish: Gloss

Color: Transparent - Colorless

Viscosity: Minimum 7 poises S/FR1007

Density: 1,10 +/- 0,05 gr/cc S/FR1001.

Drying time: See observations

Curing time @ 20°C: Complete curing 7 days

Performance: 0,2-0,3 Kg/m2
(Depending on substrate absorption capacity)

Solids in volume: 100%

Recommended Coats: 1-2 depending on desired system thickness

Mixture Pot life @ 23°C: 30-35 minutes

Component mix A:B by volume: 1,5:1

Component mix A:B by weight: 1,7:1

Relative Humidity: Max. 70%



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SURFACE PREPARATION

CONCRETE SURFACES. For newly laid concrete, wait until concrete has set completely (minimum 1 month). The surface must be completely dry. Floor moisture should not exceed 4%, measured at 2 cm deep. The surface should be firm and free of dust, efflorescence, grease or loose particles. Surface must have a minimum compressive strength of 250 kg/cm² and a minimum tensile strength (traction) of 15 kg/m². Remove grease stains and rubber with appropriate solvents or detergents, and rinse with water or solvent. Sand blast or scabble if stains do not disappear. Residual grout and curing agents should be removed by sandblasting and milling, then vacuum to obtain a rough surface free of foreign material. The surface must be sufficiently roughened to ensure adhesion. It is advisable to make a preliminary test patch in a representative area (1m²) before painting the whole surface to ensure results will be as desired.

APPLICATION RECOMMENDATIONS

Stir the contents ensuring complete homogenization of the two components. Apply to consistent, clean surfaces free of efflorescence (salt peter) and mold. Do not apply the product on wet/humid surfaces. The grade of dilution of the product depends on the porosity and state of the substrate.

MIX PREPARATION

Stir Component A well in its container and once homogenised, add component B slowly while mechanical mixing is performed at low speed. Stir for 2 minutes until both components are evenly mixed. If necessary change the container and stir to ensure a homogeneous mixture. Do not use the primer 30 minutes after mixing the two components, as this is the maximum potlife of this product.

APPLICATION CONDITIONS

During the application and curing process the temperature should be maintained above 15 °C. The relative humidity should not exceed 70%. There must not be an increasing/rising moisture level. The temperature of the substrate must be at least 3°C above the dew point. Avoid condensation. Do not apply when risk of rain or strong winds.

METHOD OF APPLICATION.

As a primer: Apply by brush, roller (short to medium pile), or special floor roller for best results. Product can be diluted up to 5-10% using JUNO D-17 solvent, to facilitate its application or favor impregnation.

As mortar: Mix in the proportion of 1/6 by weight, and rake product using a notched trowel to achieve the desired thickness on a previously primed surface having sealed the substrate's pores. Mix component A + B and add the quartz sand under continuous stirring. Apply while the mixture is wet and use level to ensure product is laid straight and compact product with a trowel.

OBSERVATIONS

Repainting times between coats @ 23°C
Solvent-free Mix: Minimum 8 hours. Max 2 days.
Mix with solvent: Minimum 24 hours. Maximum 4 days

IMPORTANT NOTE:

If the humidity level is higher than 70%, use heater/ventilation equipment.
If there is humidity in the air (low pressure), this can affect adhesion or cause blistering.

The DYNAPOK SD 2C primer can have changes in its color if/when in contact with other chemical products. This does however not affect the product's physical and chemical properties.

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