

Technical Datasheet

DYNAPOK SD EPOXIN 2C

Product Code: 07952 Coatings



DESCRIPTION

Solvent-free migration free anti-corrosive epoxy coating. Sanitary certified product due to its high chemical resistance, hardness and lack of migratory toxicity.

USE: INTERIOR

DYNAPOK S/D can be used on concrete and metal surfaces in hospitals, factories, warehouses, chemical plants, workshops, clean rooms, food processing areas, service areas etc. Widely used in food industries, interior protection of concrete and steel tanks and silos used for potable drinking water storage.

PROPERTIES

- Excellent chemical resistance.
- Elevated hardness and abrasion resistance.
- Allows total water tightness in storage tanks.
- Dry heat resistance to 90°C.
- Warm water resistance to 35°C.

CERTIFICATIONS

- Global migration test in contact with food:
Laboratory APPLUS Test Cert. Exp: 06/32013447.
- Specific migration test components: OTEC RIERA Laboratory Exp. 09089.
3998/93
- Health registration and inspection: Basque Government No. 39.01551 / B1

Finish: Gloss

Color: White

Viscosity: Minimum 80 Poises S/FR 1007

Mixture Density: 1,50 ± 0,05 gr/cc S/FR1001

Drying: Touch dry: Less than 6 hours

Minimum repaint time: 12- 24 hours

Maximum repaint time: 48 hours

Complete curing time @ 20°C: 7 days.

Performance: 4 m²/l (for 250 micras.)

Solids in volume: 100%.

Mixture flash point: Not flammable

VOC Content: 271 g/l

Mixture proportion A/B in volume: 2 : 1

Mixture proportion A/B in weight: 2 : 1

Mixture potlife @ 20°C: 25 minutes

Coats recommended: 2

Relative humidity: Maximum 80%

07952 WHITE



Format: 4 L

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SURFACE PREPARATION

STEEL. Abrasive blasting up to grade Sa 2 ½-3 according to ISO 8501-1, leaving texture roughness of minimum 50 microns. Removal of all previous paint, scale, rust and any loose or flaking material. Any trace of remaining contamination should only be shown as small, circular-shaped spots or stripes.

CONCRETE SURFACES. Ensure newly laid surface has cured for minimum 1 month. Surface must be completely dry and humidity level must not exceed 4%, measured at 2cm depth. Ensure surface is firm, free from dust, oil, grease and loose or flaking materials.

Minimum traction resistance 15 kg/m².

Remove grease and rubber stains with solvents or detergents, then rinse thoroughly with clean water. Shotblast or mill if difficult stains do not disappear.

Efflorescence and laitance must be eliminated by blasting or milling, followed by proper vacuuming, resulting in a textured surface free from loose and flaking material.

The painted surface must be textured enough to ensure proper adherence. It is recommended to carry out a test patch on a representative area (1m²) to ensure the result is as required.

APPLICATION TIPS

Stir the contents of the tin until complete homogenization.

Apply on surfaces that are consistent, clean, free of efflorescence (saltpeter) and mold. Do not apply on wet surfaces.

Dilution of the product depends on the porosity and state of the surface to be painted.

MIXTURE PREPARATION. Stir component A in its container, and once completely homogenized add component B slowly to it, while stirring slowly by mechanical means at low speeds. Mix for 2 minutes until proper homogenization of both components. If required the mixed product can be poured into a new container to guarantee a homogenous mixture as possible. Do not use the product 25 minutes after mixing both components.

ENVIRONMENTAL CONDITIONS. During the application and the curing process, the temperature must be maintained above 15°C. The relative humidity should not exceed 65%. There should be no rising humidity. 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 wind is present. The temperature of the paint must be below 25°C.

APPLICATION METHOD. or notched trowel when applying product at supplied viscosity.

- Airless Spray equipment (for guidance only)

Tip size: 0,53 - 0,58 mm.

Nozzle Pressure: 260 - 290 Kg/cm².

SAFETY AND ENVIRONMENT

As this is a solvent based product, it must be applied with good air circulation and with the necessary protection measures.

Avoid sources of ignition. Minimize product waste by estimating the correct amount needed, taking into account the m², porosity and texture of the surface. Store any excess material (unmixed) in a ventilated and dry place.

The container must be clean and of adequate size for the amount of product left over.

Close containers carefully and keep upright to avoid spills.

Preserve the containers of frost, high temperatures and direct exposure to the sun.

Keep any unused product for later use to reduce environmental effects.

Do not eat, drink or smoke during the preparation and application of the product.

Surface preparation and application operations must be carried out with the corresponding safety measures.

For more information, consult the Safety Data Sheet.

In case of contact with eyes wash with clean and abundant water. Keep out of the reach of children.

Do not discharge into drains or the environment.

Dispose of at an authorized waste collection point. Consult your local city council about the correct recycling of both the container and waste and leftovers of paint according to law and principles of environmental respect.

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