

Technical Datasheet

DYNAPOK HBAC 2C

Code: 07765 Topcoats



DESCRIPTION

High solids two component epoxy coating, catalyzed with polyaminoamide adduct mixture.

USE: INTERIOR - EXTERIOR

Recommended as an intermediate layer in epoxy and polyurethane systems in environments subjected to aggressive or marine atmospheres.

Good adhesion on surfaces where no blasting can be carried out and cleaning must be carried out by hand.

As a general maintenance primer for industrial plants, structures, tanks, bridges, pipelines.

PROPERTIES

- Very good resistance to abrasion and to chemical agents.
- Excellent adherence to zinc-rich primers, zinc silicates and zinc phosphate epoxies.
- Meets UNE ISO 48261:2003 Standard.
- Compliant to intermediate repaintable Standard UNE ISO 48272:2003
- Compliant with SSPC-PAINT 22. ISO 12944

CERTIFICATIONS

- Tested in the paint system category C-5I (High) as an intermediate layer, according to ISO 12944-6. Tecnalia Laboratories Test Report #13-02845-1.

Acabado: Semi-gloss

Colour: White, Off-White, Grey, Aluminum

Mixture Viscosity: Min. 20 Poises S/FR1007

Mixture Density:

WHITE, GREY: 1,40 ± 0,05 gr/cc S/FR1001

ALUMINUM: 1,33 ± 0,05 gr/cc S/FR1001

Drying: Touch Dry in 2 hours

Repaintable min.: 24 hours

Repaintable maz.: 30 days.

Diluent: D-90 Solvent

Performance: 6,4 m²/l (for 125 micras)

Mixture Volume Solids: 80% Theoretical

Flash Point: Not flammable up to 26°C

Mixing Ratio A/B in volume:

ALUMINUM: 1,22 : 1

WHITE, GREY: 1,12 : 1

Potlife: 2h 20 min (at 20°C)

Induction time: Min.10 minutes (20°C)

Relative humidity: Max. 80%

VOC Content: Max. 250 g/l

07760 WHITE, GREY

07765 ALUMINUM



Formats: 4L / 15 L

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SURFACE PREPARATION

UNTREATED IRON & STEEL. Abrasive blasting up to grade Sa 2 ½ according to ISO 8501-1. The lamination scale, the rust and any foreign material will be eliminated. Any traces of remnant contamination should only be shown as small patches with a circular shape or fringes. Failing this, it can be cleaned by hand using wire brushes, scrapers, prefabricated synthetic fabrics containing abrasives and rust removing hammers in accordance with ISO 8504-3.

Apply an antioxidant primer immediately after blasting to prevent any contamination.

PRIMED IRON & STEEL

Compatible with most types of aged coatings that are suitably clean, ie free from oxides, dirt, oils and greases.

MAINTENANCE WORK

Loose paint or coating must be removed using wire brushes, scrapers, or any other suitable tool for this purpose. Subsequently degrease the surface manually eliminating salts and other contaminants with fresh water at high pressure. In case of very deteriorated surfaces it is advisable to sandblast to grade Sa 2½ standards.

APPLICATION ADVICE

Stir component A in its package and once homogenized add component B slowly to it (in the indicated proportions), while stirring mechanically at low speed. Stir for 2 minutes until perfectly mixed. Leave the mixture to stand for 10 minutes. Do not use the primer 2 hours and 20 min after mixing, as this is the maximum mixture potlife.

APPLICATION METHOD

- BRUSH: Care must be taken to ensure that the entire surface is protected and covered (angles, joints, etc.). If the application is done in two coats, the first should be diluted, and the second is applied undiluted; The layers will be crossed to ensure full coverage.

- SPRAY GUN:

Tip Size: 1,4 - 2,18 mm.
Pressure: 3,1 - 3,9 Kg/m² Dilution
between 5 and 10%.

- AIRLESS SPRAY

Tip Size: 0,48 - 0,58 mm.
Pressure: 160 - 180 Kg/m² Dilution
between 0 - 5%.

The exact determination of the percentage of dilution will depend on the temperature, spraying pressure, type of nozzle, etc. Take special care not to spray dry; The deposited layer must be wet otherwise anchoring problems may occur. It is not advisable to paint in rainy weather or in the hours of maximum heat.

COMPATIBILITY BETWEEN COATS

Epoxy and polyurethane finishes can be applied to this primer.

SAFETY AND ENVIRONMENTAL INFO

Solvent based products must be applied under good ventilation and with the necessary protection measures. Avoid sources of ignition.

Minimize product waste by estimating the quantity needed, taking into account the m², porosity and texture of the substrate.

Store surplus material in a ventilated, dry place. The container must be clean and of adequate size for the quantity of product left over. Close containers carefully and keep them upright to prevent spills. Preserve the containers of frost, high temperatures and direct exposure to the sun. Recover unused product for new use and 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 appropriate safety measures. For more information consult the Material Safety Data Sheet.

In case of contact with eyes, rinse with plenty of clean water. Keep out of the reach of children.

Do not discharge into drains or the environment. Dispose to an authorized waste collection point. Consult your council about the correct recycling of both packaging and waste and leftover paint according to law and principles of environmental respect.

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