

# Technical Datasheet

## DYNAPOK HBAC 2C

Code: 07765 Industrial Epoxy Primers/Midcoats

**JUNO**

### DESCRIPTION

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

### USE: INTERIOR - EXTERIOR

Recommended as a primer or midcoat in protective epoxy and polyurethane systems in environments subject to aggressive or marine conditions. Good adhesion on surfaces where blasting cannot be done and where cleaning needs to be done manually.

Also ideal for general maintenance primer coat for industrial plants, structures, tanks, bridges, pipes etc.

### 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 repainting midcoat standard ISO 48272:2003
- Compliant with SSPC-PAINT 22. ISO 12944

### CERTIFICATIONS

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

**Acabado:** Semi-gloss

**Colour:** Grey

**Mixture Density:** 1,26 ± 0,05 gr/cc S/FR1001

**Drying:** Touch Dry in 2 hours

**Repaintable min.:** 24 hours

**Repaintable max.:** 30 days.

**Thinner:** D-90 Solvent

**Performance:** 6,4 m<sup>2</sup>/l (for 125 micras)

**Mixture Volume Solids:** 80% Theoretical

**Flash Point:** Not flammable up to 26°C

**Mixing Ratio A/B in volume:** 1,2 : 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

07765 METALIZED GREY



Formats: 4L / 15 L

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## DYNAPOK HBAC 2C

Code: 07765 Topcoats



### 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/m<sup>2</sup> Dilution  
between 5 and 10%.

- AIRLESS SPRAY  
Tip Size: 0,48 - 0,58 mm.  
Pressure: 160 - 180 Kg/m<sup>2</sup>  
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 m<sup>2</sup>, 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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