

Technical Datasheet

DYNAPOK AGUA 2/C PRIMER

Code: 07160 Floors



DESCRIPTION

Two component floor epoxy primer in waterbased solution. Consists of an epoxy binder reactive with amine adducts dissolved in water to form a very hard film, with excellent mechanical and chemical properties.

USE: INTERIOR

Can be used as a finishing coat for the protection of concrete surfaces exposed to contact with water, grease, acids or diluted alkalis.

Use as a primer for the sealing newly laid floors and for consolidation of concrete or cement surfaces. Ideal for use in industrial applications in general and especially in the food and health sector industries as it is water based and no solvent is required.

Ideal for use on concrete where moisture is difficult to remove completely. A perfect solution for closed spaces without access to proper ventilation is reduced, where conventional paints with organic solvents, prove too toxic.

PROPERTIES

- Excellent adherence on mineral surfaces
- Excellent adherence on "old paint"
- Mechanical and Chemical resistance
- Can be used on tar, bitumen, asphalt surfaces.
- Ideal for spaces with little ventilation
- Low VOC content

Finish: Satin(Primer),Gloss(Topcoat)

Color: Clear

Viscosity: Minimum 50 P S/FR1007

Density: 1,1 ± 0,05 gr/cc S/FR1001

Drying: Touch dry in 8-10 hours

Min. Repaint time: 24 hours

Max. Repaint time: 3 Days

Diluent: Water

Coverage: 10-12 m²/Litre/coat (surface dependent)

Solids (in volume): 45 ± 1 % Theoretical (White)

Flash Point: Not flammable

Mixing Ratio Component A/B in volume: 8:3

Mixing Ratio Component A/B in weight: 72:28

Potlife: max 90 minutes

VOC Content: Maximum 30 g/l

07160 Translucent



Format: 1L / 4L / 15 L

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SURFACE PREPARATION

CEMENT AND CONCRETE SURFACES. Newly poured surfaces wait until fully set (min 1 month). The surface must be completely dry.

As a general rule, surfaces must be firm, dry and clean.

Always check the moisture of the substrate before application (it must be less than 4%).

When used as a topcoat apply minimum 3 coats, diluting the first coat with water to a maximum of 30% and finish with 2 diluted coats to a maximum of 10%. This system achieves the maximum performance of the product.

When used as a **primer** apply 1 coat diluted with water to a maximum 50%, depending on the porosity and absorption rate of the substrate.

The surface must be textured enough to provide proper adhesion, absorbant and free of any grease, rubber, curing agents, lime and any other foreign material. Grease and rubber stains can be removed with solvents or detergents, and must be rinsed with water. Blasting or milling can be used for difficult stains.

Concrete surfaces are prepared through milling or blasting to eliminate whitewash and curing agents. This should be followed by removing dust by vacuuming which in the end should result in a textured surface free of any foreign materials which will improve adhesion, bonding and give an excellent final result. For any doubts regarding the preparation and application, please consult our Technical Department.

To ensure compatibility of the product with existing surface, it is strongly recommended to apply a test patch of approximately 1m² section to test the bonding before proceeding with the rest of the surface to be painted.

ASPHALT SURFACES. The surface must be clean. It is recommended to wait 15 days after laying before painting. For shiny surfaces it is recommended to matte these down before painting for adhesion purposes.

APPLICAITON TIPS

Stir the content well until evenly mixed. Mechanical means are recommended. Apply on clean, dry, consolidated surfaces free of efflorescent and mold. It is not advisable to apply the product on humid or excessively hot surfaces. Dilute the product as per need, depending on the level of porosity and state of the surface to be painted.

MIXTURE PREPARATION. Stir content of component A in its container, and once evenly mixed add component B slowly to it, while stirring during 2 minutes ensuring that perfect homogenization is achieved. If a change of tub/container is required, ensure that after pouring the paint into a new holder, it's properly stirred and mixed. Before proceeding to apply, ensure that any existing air bubbles are gone by waiting a few minutes. Products' pot life is 60 minutes. Do not use after this time has passed.

ENVIRONMENTAL CONDITIONS. During the application and curing process the temperature must be above 15° C. The relative humidity cannot exceed 75%. Ascending moisture must be avoided. The surface temperature must be at least 3 °C above dewpoint. Avoid condensation. Do not apply when risk of imminent rain or heavy wind is present.

APPLICATION METHOD. Paint roller, brush or spray gun. When using spray equipment, dilute the product with potable water. For applications on humid surfaces, application by brush is recommended. Apply 2 coats: First coat is diluted with 15% water, and the second coat with 10%. For maximum chemical resistance, a third layer is recommended. Time between coats shall not be less than 24 hours nor exceed 72 hours.

CLEANING. Upon termination of works, tools can be washed with water. However, the use of a water compatible solvent is recommended to remove catalyzed paint.

OBSERVATIONS

DYNAPOK AGUA PRIMER must be protected from humidity, condensation and water for at least the first 24 hours after application. Do not allow water to accumulate on the surface. In closed areas allow for sufficient levels of ventilation during the drying time, so as to avoid high concentrations of relative humidity which will prevent the correct film formation. The repainting must be done within 72 hours following the previous coat. Passing the 72 hour limit, a light sanding is necessary to achieve proper bonding for successive coats. The floor should not be used by vehicles for 1 week allowing proper curing and full hardness to be achieved. The use of sweeper machines to clean the floor can affect the shine and color of the product.

SAFETY AND ENVIRONMENT

Minimize product waste estimating the amount needed, taking into account m², porosity and texture of the substrate. Store the remaining material in a ventilated and dry space. The package must be clean and be the right size for the amount of surplus product. Close containers carefully and kept upright to prevent leakage.

Preserve packages from frost, high temperatures and direct sunlight. Reuse the unused product to give it a new use and reduce environmental effects. Do not eat, drink or smoke during preparation and product application.

For more information check the product's Material Safety Data Sheet (MSDS). In case of contact with eyes, rinse with clean water. Keep out of the reach of children. Do not discharge into drains or the environment. Dispose to an authorized waste collection point.

Contact your local council about the correct recycling of both the packaging as waste and leftover paint according to law and principles of environmental respect.

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