

Seire

PROBITANO W TRANSPARENTE

Two-component aliphatic PU water-based varnish

Easy to apply

Excellent substrate adhesion

Gloss finish, very low impact on colour hue on porous substrates

Can be mixed and/or sprinkled with glass spheres

Excellent resistance to staining

Excellent resistance to abrasion

Impermeable to liquid water and permeable to water vapour

UV radiation resistant

Water-based, solvent free, low emissions

Indoor and outdoor use

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PROBITANO W TRANSPARENTE

Two-component aliphatic PU water-based varnish

Product Description:

PROBITANO W TRANSPARENTE is a transparent, two-component, gloss finish solvent-free aliphatic PU water-based sealant varnish, suitable for protection and finishing of polymeric flooring, concrete and decorative mortars, increasing resistance to scratching and abrasion, enhancing exterior stability, and providing resistance to chemical agents and excellent resistance to stains. Easy cleaning and maintenance.

After curing, PROBITANO W TRANSPARENTE is impermeable to water and resistant to chemical agents, frost and weathering.

Applications:

- Protection and decoration of flooring subject to light traffic such as hallways, exhibition halls, garages, warehouses, etc.
- Finishing layer in polyurethane and epoxy systems.
- Protective layer on flooring with coloured aggregates or chips.
- Protection and sealing for smoothed or polished concrete.
- Protection and sealing for decorative mortars.
- Indoor and outdoor use.

Substrate Preparation:

The substrate must have a tensile strength of more than 1.5 N/mm², must be dry (residual humidity less than 4%), hard, sound and free of laitance, grease, oils, waxes, dust or other loose particles such as paint, release agents, limescale, mortar, plaster, adhesive residues, etc., which may impair adhesion.

Prepare the substrate using specialist machinery - sanding, milling shot blasting or diamond tools depending on the state of the substrate. Vacuum the substrate.

Properly treat and seal all joints or gaps in the concrete substrate where differential movement is expected (for example expansion joints).

Mixing:

Component A of PROBITANO W TRANSPARENTE must be shaken before mixing.

Pour the contents of component B into the container of component A and mix the two components thoroughly with a stirrer at low revolutions for a minimum of 3 minutes.

Part of the mixture can be put back into the container of component B to gather up residues remaining in the container. The mixture which has been put back into the container of component B can then be returned to the mixing container and stirred for a further 30 seconds. This mixing process ensures the product's consistency and that any residual resin remaining in the containers reacts, facilitating subsequent management of residues.

It is not advisable to carry out partial mixtures by volume.

After mixing both components, 1 kg of PROBITANO W TRANSPARENTE, will remain workable for 60 minutes at temperatures between 18°C and 20°C.

If Pot-Life is exceeded the mixed product loses its characteristics and should be disposed of.

Recommendations:

After mixing the two components of PROBITANO W TRANSPARENTE, use immediately.

Due to its aqueous character, the material does not heat up towards the end of its pot life. End of pot life is indicated by an increase in viscosity.

Note that higher temperatures shorten time of use and lower temperatures lengthen it.

To ensure sufficient binding efficiency and absence of bubbles, multiple layers of PROBITANO W TRANSPARENTE may be required, where substrates are very porous, to achieve uniform application, free of pores or dry areas and to compensate for variations in absorption by the different areas of the substrate.

During the apply and the curing must ensure an adequate ventilation.

Limitations:

Do not use PROBITANO W TRANSPARENTE where ambient and/or substrate temperatures are less than 10°C or less than 3°C above the dew point.

Do not use where ambient and/or substrate temperatures exceed 30°C or where ambient humidity exceeds 85%.

Method of Application:

Apply a minimum of two coats directly to the prepared substrate using a short nap enamel or foam roller or air-less. Apply the product in thin layers. Excessive thickness results in poor curing and may cause small bubbles. Ensure uniform application over the entire surface and avoid accumulation of material or excessive overpainting. Do not over-saturate the roller - this may result in droplets falling onto the painted surface.

Remove loose fibres from new rollers before use.

Once the first layer is dry, apply the second layer perpendicular to the first, observing the same precautions and method of application.

Curing time varies depending on substrate absorption, ambient and surface temperatures.

Do not add solvent or thinner at any stage.

Consumptions:

Approx. 200 g/m² (2 coats) depending on substrate roughness.

Tools and Equipment Cleaning:

PROBITANO W TRANSPARENTE can be cleaned immediately after use with a solvent such as ARDEX RTC. If the product is allowed to harden, it will have to be removed mechanically.

Residues and Spillages:

Any spillage from any of the components must be removed immediately with sand, vermiculite or other inert material and collected in a suitable container for proper handling and treatment.

Residues from spillage and empty containers must be dealt with in accordance with local regulations.

See product safety sheet for further information.

Storage and Shelf Life

PROBITANO W TRANSPARENTE can be stored for up to 6 months in its original unopened packaging. The product should be stored in a dry place between 5°C and 25°C. Keep away from frost, direct sunlight and sources of heat.

Precautions:

Avoid contact with eyes and skin. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention.

Wear safety goggles and gloves while mixing and during application. If applying indoors, ensure that the site is well ventilated.

Once cured, the product is physiologically and ecologically neutral.

For further information, see the product safety sheet.

Technical Data According to ARDEX Quality Standards

Mixing ratio	: As indicated on the packaging
Density	: Approx. 1,05 kg/l
Solid Content	: Approx. 40%
Consumption	: Approx. 200 g/m ² in two coats depending on substrate roughness
Working time (20°C)	: Approx. 60 minutes
Recoatable (20°C)	: After 4–12hrs depending on substrate absorption
Chemical resistance	: After 7 days
Packaging	: Kits of 10kg