

PRODUCT IDENTIFICATION



Transparent two-component epoxy coating.

Trade name: Vertical Glass

Chemical nature: Semi-transparent two-component vertical epoxy thixotropic system with very high mechanical and adhesion properties

Available in formats: 3,4 Kg, 7,0 Kg

Fields of application

Specially formulated for application with a steel trowel on the interior walls of bathrooms, kitchens or other situations requiring high protection. Suitable for the interior of shower stalls or other situations in direct contact with water. Thanks to its high thixotropy and almost zero shrinkage, the product excels both in vertical applications and in the restoration of imperfections, even of medium/large size. It can be applied as a protective coating (transparent) or coloured as desired.

Main applications

- ✓ Floors and (existing) walls, including vertical walls
- ✓ Protection of material coatings and other artistic decorations.
- ✓ Coating, repairing and decorating shower trays and sanitary ware;
- ✓ Coating of surfaces, objects and furniture to give depth and brilliance to the colour, also in Vertical.

Application Cycle

PREPARATION OF THE SUBSTRATE: The substrate must be completely dry, clean and non-flaking, clean and degrease the surface well.

PREPARATION OF THE MIXTURE: First mix COMPONENT A until it becomes a soft paste, then mix COMPONENT B to make it homogeneous.

Pour COMPONENT B into the container COMPONENT A, stir manually carefully and slowly with a small spatula, preventing the material from incorporating air. Try to scrape off the material stuck to the walls of the can well, bringing it towards the inside. *Powder dyes from the Resinpro line (1% by weight) or Liquid (4% by weight) can be added at this time for a complete effect.*

The mixing time should not exceed 2-3 minutes. Complete the application of the mixture within 30 minutes. In case of particularly hot days (30°C), prepare less product and proceed with the application.

METHOD OF APPLICATION: Apply with a stainless steel squeegee (AMERICAN Squeegee) pulling it smoothly upwards, following any veins on the surface so that the gel remains inside the cracks.

Always work with a little product on the trowel, this allows it to flow better. Avoid leaving too much product in the grain, if the product forms drips, remove the excess immediately. In corners or other places that are difficult to reach with the trowel, use a rubber finger.

Between the first and second coat wait 24 hours at 20° or when the first coat is "out of touch", i.e. when touching it with a finger and applying pressure, no impression remains.

After 36 hours the product vitrifies, so before applying the second coat, *it is advisable to sand lightly with fine sandpaper to remove dust*. Keep the room isolated from dust for at least 12 hours. When the work is finished, seal the edges in contact with other surfaces (shower trays, taps, kitchen tops) with a suitable shower enclosure silicone, to avoid the stagnation of water between VERTICAL GLASS and the wall, which would lead to the formation of marks or cracks.

The product has a glossy finish, if you wish to obtain a matt effect, when the second coat of VERTICAL GLASS is completely dry (at least 48 hours) apply POLYSHIELD 5 GLOSS by brush or roller..

Warnings

Store in a dry place and avoid temperature changes. Close the container after use to prevent it from becoming wet and contaminated with other substances. If the product is stored in its original, tightly closed packaging, in a dry and clean place, at a temperature between 15°C and 35°C and out of direct sunlight, it can be used up to 2 years after the date of production. In the case of lime-based surfaces, apply diluted acrylic insulation (at least two coats) and then apply VERTICAL GLASS.

If the product, after mixing the two components, is left in the original container for a long time, it also gets very hot and its workability is impaired.

After 40 minutes, the product starts to thicken and bubble, which is a sign to renew the product.

Cleaning and Maintenance

Clean with DETERGENT MILK or a neutral product. Do not clean with ethyl alcohol before 28 days). -After removal of the individual components, the packages must be hermetically sealed again.

If the surface becomes scratched over the years, it is sufficient to apply normal body polish to completely renew them.

CHEMICAL AND PHYSICAL CHARACTERISTICS

EMPLOYMENT RELATIONSHIP (BY WEIGHT)	100 : 70
POT LIFE 150 gr 20°C	35m – 45m
WORKABILITY – 20°C	25m – 35m
UV RESISTANCE	UVA – 6x4W – As is after 75h
COMPONENT A	ICE-COLOURED THIXOTROPIC RESIN
COMPONENT B	AMINE HARDENER (Viscosity 1200mps – 20°C)
CATALYSIS TIME	24-48h
COLOR	TRANSPARENT

The data contained in these data sheets refer to laboratory tests. The indications and methods given may be subject to change over time as a result of improvements in production technology. The application of the products takes place outside of our control as we are unable to intervene directly on site conditions and the execution of the work. All indications are of a general nature, do not bind our company in any way and therefore the responsibility lies exclusively with the customer. We recommend that you test the product beforehand to ensure that it is suitable for the intended use. The technical service will be happy to provide additional information.