

1. DESCRIPTION

A two-component epoxy resin, thixotropic, transparent gel material producing a high gloss, compact, smooth surface. Resistant to water and normal chemical agents.

2. USE

Specially formulated for application with the KIT / NUDO stainless steel trowel on internal walls of bathrooms, kitchens or other locations requiring high protection.

Suitable for the interiors of shower cubicles or other locations in direct contact with water.

3. PREPARATION OF SUPPORTING SURFACE

Do not apply IPER VETRO directly on a lime-based product. Recommended process:

- ISTINTO + GIOIA diluted 30% (at least 2 coats), then apply IPER VETRO
- ISTINTO + diluted VETRO (20% VETRO + 80% water, apply 2 coats), then apply IPER VETRO

The base surface must be completely dry, clean and solid (leave for at least 48 hours from the application of ISTINTO and 24 hours from the application of GIOIA or VETRO).

For old walls with ISTINTO already applied and protected with GIOIA or VETRO, clean and degrease the surface well, then proceed with IPER VETRO.

4. PREPARATION OF MIXTURE

Mix BASE A with catalyst HARDENER B.

Pour HARDENER B into BASE A, mix slowly and thoroughly by hand with a small spatula, avoiding air or bubbles incorporating into the mixed material. The mixing time should not exceed 2-3 minutes.

Allow the mixture to rest for no more than 10 minutes. If the mixed product is left to stand for a long time the reaction between the two components can heat up and significantly reduce its working time and the ability to achieve a smooth is compromised.

The application of the mixture should be made immediately but within 30 - 40 minutes at typically 20°C. On particularly hot days prepare less product and proceed with the application. After 40 minutes the product begins to thicken

and produces bubbles, this is the signal that it is advisable to renew the product.

5. APPLICATION METHOD

Apply with KIT / NUDO stainless steel trowel, pulling it upwards smoothly, following any veins on the surface so that the gel remains inside the cracks. Always work with a small amount of product on the trowel, this allows it to flow better. Avoid leaving too much product in the veins. If the product sags, too much has been applied and remove the excess immediately.

In corners or other areas that are difficult to reach with the trowel, go over with a narrow smoothing tool.

Within 18-24 hours the product remains soft and adjustments can be made, but avoid overlapping the surface.

Between the first and second coat wait 24 hours at 20° or when the first coat is touch dry and applying pressure does not leave a mark. After 36 hours the product vitrifies, then before proceeding with the second coat, it is recommended to lightly sand with fine sandpaper and remove the dust.

Keep the environment free from dust for at least 12 hours.

When the work is finished, seal the edges which are in contact with other surfaces (shower trays, taps, kitchen worktops etc) with a suitable silicone sealant in order to avoid water penetration between the IPER VETRO and the wall, which could lead to the formation of halos or cracks.

If you would like to create a matt effect, when the second coat of IPER VETRO is completely dry (at least 48 hours) apply VETRO OPACO with a brush or roller.

6. REFINISHING

If it is necessary to apply a decorative product over IPER VETRO, provided that 7 days have elapsed since its application, first apply a coat of PRIMUS AGGRAPPANTE, applied with the KIT / I trowel, then apply the desired lime finish. For products that require a smooth surface, apply a smoothing filler and an insulating primer to the PRIMUS AGGRAPPANTE, then proceed with the desired material cycle.

7. TOOL CLEANING

Soft IPER VETRO residues can be cleaned from tools and coated surfaces with ethyl alcohol. Once hardened, the product can only be removed mechanically.

8. FINISHED SURFACE CLEANING

Clean with LATTE DETERGENTE or a neutral product. Do not clean with ethyl alcohol before 28 days.

9. HAZARDS OF SAFETY AND IDENTIFICATION

The products BASE A and HARDENER B are classified as dangerous according to the provisions of the regulation (CE) 1272/2008 (CLP), please consult the safety data sheets.

COMPONENT A contains: bisphenol-A / F-epichloridine; epoxy resins (average molecular weight ≤ 700), oxirane, mono [(C12-14-alkyloxy) methyl] derivatives.

COMPONENT B contains: poly (oxy (methyl-1, 2-ethanediyl), trimethylhexan-1,6-diamine, benzyl alcohol.

Use and store the product in accordance with current hygiene and safety regulations. Do not dispose of the containers in the environment after use. Allow the residues to dry and treat them as special waste. Keep out of reach of children. If swallowed, seek medical advice immediately and show the container or label. Do not throw the residues into drains, water courses or onto the ground.

For further information consult the safety data sheet available on the website: www.giorgiograesan.it

TECHNICAL FEATURES	APPLICATION
Dilution	Not applicable
Mixing	Mix BASE A with HARDENER B and mix for no more than 3 minutes to obtain a homogeneous mixture
Colouration	Not applicable
Tools	KIT / NUDO trowel and spatula
Primer	Not provided
Application conditions	From + 10 ° C to + 35 ° C with relative humidity <85%
Number of coats	2
Surface drying time	12 hours at 20°C
Waiting time 2 nd coat	24 hours at 20°C
Drying time in depth	72 hours at 20°C
Complete maturation	7 days to reach the final mechanical characteristics
Washability	Fully washable with LATTE DETERGENTE

TECHNICAL FEATURES	CONSUMPTION
IPEP VETRO IPEP VETRO	5 - 6 sqm / litre per coat Subject to texture and depth of material applied to supporting material

TECHNICAL FEATURES	PRODUCT
Composition	Two-component epoxy resin
Specific weight	1.09 ± 0.03 Kg / litre

Ph	> 8.0 - 8.5 after 30 days
EU limit value (Dir. 2004/42 / EC): two-component high performance paints: 500 g / l	Maximum content VOC 26.0 g / l
Storage conditions	Store in a cool, dry place at temperatures above + 5 ° C and below + 30°C
Packs	BASE A 0.670 litre, HARDENER B 0.330 litres BASE A 1.675 litres, HARDENER B 0.825 litres

RESISTANCE TO COMMON SUBSTANCES

Substance	Result	Substance	Result
Boiling water (100 ° C)	Resistant	Cooking salt (from 3% to 30%)	Resistant
Water + 5% detergent	Resistant	Nitric acid 5%	Resistant
Wine	Resistant	Benzene	Less resistant
Beer	Resistant	Turpentine	Less resistant
Coffee	Resistant	Hydrogen peroxide (3%)	Resistant
Coke	Resistant	10% Caustic soda	Resistant
Plaster	Resistant	Soda	Resistant
Neutral detergents	Resistant	Hydrochloric acid (from 5% to 20%)	Resistant
LATTE DETERGENTE	Resistant	Ethyl alcohol (10%)	Resistant
Grape juice	Resistant	Paint thinner	Resistant
Lemon juice	Resistant		
Boiling oil	Resistant	Ammonia (from 10% to 25%)	Less resistant
Ketchup	Resistant		Less resistant
	Resistant		

Mayonnaise	Resistant	Bleach	
Toothpaste			

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