



Glue, mastics and epoxy systems

GL 34 A+B

Low viscosity, solvent free epoxy system for natural stones



GL34/A and GL 34/B are the two components of a low-viscosity and solvent free epoxy system, not charged with fillers, reactive and with hardening at ambient temperature.

It is used to resin, the sealing and the hardening of marble, granite and natural stones slabs, but it could be also used for hardening by walls injection ad to waterproof porous and absorbent surfaces.

The system get a perfect catalysis at ambient temperature and at 20-25 °C the system get the maximum of its performances in just 10-15 days

CHARACTERISTICS AND BENEFITS

- ✓ High resistance
- ✓ Long-lasting performances

USES

Marble, Granite and natural stones.

COVERAGE

N.A.

APPLICATION EQUIPMENT

Spatula, Brush, Roll

APPLICATION

Test on a small area before proceeding, so to ensure product suitability and final result.

The surfaces that need to be treated must be degreased and treated mechanically and/or chemically before the application of GL 34 A+B.

Scrupulously respect the mixing ratio: every change in this ratio could irreparably compromise the final performances of the hardened product. Carefully mix the two component with regular movement, avoiding excessive turbulence that could cause air bubbles inside the mixture. When the product is ready, apply to the interested surface by using a spatula or a brush. Then remove the product in excess and wait for the product hardening.

Hardening

Even if the stone slab could be moved after the handling time (6-8 hours at 25°C), the product reaches the maximum of its performances only after the complete hardening (8-10 days). If the system get hardened by oven, its performances get immediately the maximum level. The ideal solution should be to dry the surface by using hot air. This method ensures the best of the product performances and faster production cycles.

Mechanical grinding/polishing

After 24 hours from the system application, the surface can be mechanically grinded and polished.





EQUIPMENT CLEANING

At the end of application, the equipment used can be washed using water before the hardening.

Do not let the product harden on the tools. To remove the hardened product from the tool act mechanically.

PRECAUTION

Do not apply the product on wet or damp surface. Do not apply the product with temperature lower than the minimum application temperature.

SAFETY

When applying the product, always use suitable personal protective equipment and follow the instructions on the product safety data sheet with care.

PHYSICAL AND TECHNICAL INFORMATION

Colour:	Light yellow
Viscosity at 25°C (ASTM D2196)	300-400 mPa s
Minimum application temperature	+10°C
Pot life for 100 ml at 25°C	10-15 min
GELO time (25°C – film)	2h30min – 2h50min
GELO time (40°C – film)	1h – 1h10min
GELO time (40°C – film)	1h – 1h10min
Handling time	6-8 hours
Complete hardening time	8-10 days

STORAGE

The shelf life of the product is intended for the sealed packaging, stored in indoor and dry rooms, not exposed to sun rays. Humidity and the storage in damp rooms could compromise the performances of the product.

At low temperature the product could crystallize: to get them to the liquid state again warm the product by 70-80°C till it get completely liquid, then homogenize.

When the product lose its transparency, means that the crystallization began.

The product could change its colour but this does not affect its performances.

SHELF LIFE

12 months in the original, sealed packaging, stored in a cool, dry place.

PACKAGING

GL 34 part A (resin): 1 Kg bottles

GL 34 part B (hardener): 250 ml bottles





LINEA
PROFESSIONALE

HAZARD IDENTIFICATION FOR GL 34 PART A (RESIN)

R36/38	Irritating to eyes and skin
R43	May cause sensitisation by skin contact
R51/53	Toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment



HAZARD IDENTIFICATION FOR GL 34 PART B (HARDENER)

R20/21/22	Harmful by inhalation, in contact with skin, if swallowed
R34	Causes burns
R41	Risk of serious damage to eyes
R43	May cause sensitisation by skin contact
R62	Possible risk of impaired fertility



This technical data sheet supersedes all previous versions. Always refer to the latest version of the data sheet, available on www.fabersurfacecare.com site. Faber Chimica reserves the right to update and / or modify the data and information contained in the data sheet.

The information in this data sheet is based on our wide experience in technical and operational research. In any case you should always make a preliminary test to verify the suitability of the product for the intended use and the type of material on which it will be applied. The information and the suggestions can't be construed as a commitment or result in our responsibility as the conditions and method of use of the product cannot be controlled by us. Therefore Faber Chimica Srl disclaims any liability with regard to the use of such data and suggestions.

