

Application techniques

Mastic-like epoxy adhesives can be preferably used for bonding coarse surfaces (marble, quartz, etc.) to Eulithe flat surfaces. After mixing the two epoxy resin components in ratio required by the manufacturer, a very thin layer is applied first by a smooth tool and then by a toothed one on the two surfaces to be bonded. The two panels are adhered by applying pressure for about 2 hours (timing depends on the environmental temperature); pressure can be exerted by means of a press or by placing some stone slabs over the pieces to be bonded. After a suitable period, sandwich thus obtained can be manipulated. For further processing, it is better to wait 12 hours in addition. For two-component polyurethane adhesives and two-component acrylic adhesives, the above mentioned procedure can be used. They can be sprayed or deposited by a roller on the surfaces, using proper machines instead of a knife tool.

Thermofuse adhesives are preferably used for bonding Eulithe to thin surfaces such as aluminium, steel, HPL, PVC, wood, etc. This technology requires the use of specific systems such as those used in wood veneering.

Techniques described in the previous points are used for bonding entire Eulithe panels

and the article obtained is worked as a composite material. There is a particular case when Eulithe can be used as reinforcing material for stone surfaces (quartz agglomerates) in the form of strips of various widths. In this process, the object is prepared with stone material (for instance, a kitchen top with already made edges and holes), thus Eulithe strips are stuck with cyanoacrylic adhesives.

The adhesive is deposited on the stone surface, whilst a special accelerator is sprayed on Eulithe strips then placed on the surface and hand pressed for a few seconds.

Please note that all adhesive producers provide detailed instructions on the use of their products.

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