



TECHNICAL DATA SHEET Re-issued: 22/09/2010 rev.00

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TRANSPARENT FLUID

Description

Transparent liquid glue used to glue and repair in horizontal marbles and similar stones. The hardened product looks shiny and it is very polish able. Good the reactivity at low temperature. Adhesion force and mechanical properties are the most important qualities.



Instructions for use

Ensure that the marble to be treated is dry, clean and free of dust.

Take from the tin/can/barrel the necessary amount of glue and add the catalyst in paste 2-3% in weight. Stir them energetically and use the product thus obtained.

Do not return the unused glue in the tin. If is necessary to correct the colour, use the colouring paste or metal oxides.

Add the colour before the catalyst, match the hue and then add the catalyst.

An excess of colour may influence the final characteristic of the glue. Take care.

Keep the tins closed after usage. Keep the glue and the catalyst away from the rays sun.



Tenax aderisce a parametri LEED ed è socio ordinario del Green Building Council d'Italia, che opera nell'ambito della progettazione e costruzione di edifici eco compatibili. Tenax follows LEED's certification parameters and is an ordinary member of the "Italian Green Building Council", that verifies that a building project meets the highest green building and performance measures.



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Technical Data

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Viscosity cps 25°C 20 r.p.m.(ASTM D2196)	1500-2000 cps
Density at 25 C gr/cm	1.1
Aspect	Yellowish liquid
Ratio of use glue/hardener	100+2
Gel time (in bulk) at 25°C in min	6-8
Tacky free in thin layer at 25°C in min	Approx. 25 min
Working time suggested at 25°C in min	Approx. 60-80 min
Minimum reaction temperature	0°C
Minimum temperature of use after hardening	0°C
Maximum temperature of use after hardening	+110°C
Shelf life at 25°C	6 months
Tensile Test ASTM D638	
Ultimate tensile stress MPa	50
Extensibility	>2%
Tensile Modulus	4000
Flexion Test ASTM D790	
Breaking load Mpa	110
Adhesion test ASTM D 4541	
Adhesion force at 25°C marble botticino polished after 2 hours in Mpa	3.5
Adhesion force at 25°C marble botticino polished after 24 hours in Mpa	9.0

Shelf life

The products will last at least 6 months in the normal condition between 18-25°C, kept away from source of heat, humidity and sun light

Safety rules

Resin and hardener are chemical products, please read the safety data sheet before usage and the rules written on the label on the tins/drums.

Packaging available

Lt.1 – lt.4 – lt.17 – lt.190

The information included in the present technical data sheet are based on tests carried on in our laboratory and are correct, based on our experience. The present data can be changed without notice and shall not be considered legally relevant. It is under the responsibility of the customer to verify the suitability of the product before use. It is obligation of the customer to verify that the use of the product is done according to laws, legislation, patents of the customer's country.



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