



TDS

BONDEX

DESCRIPTION

Tixotropic mastic with medium viscosity used to glue and to fix marbles, onix and stone in vertical. The hard product is well dry, very polishable and grindable in a very short time. The reactivity is very good in cold condition too.

The product has low shrinkage, good adhesion in many stones and engineered stones. Excellent the shelf life. Low % of styrene.

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.

TECHNICAL DATA

Viscosity cps 25°C 20 r.p.m.(ASTM D2196): Tixotropic paste

Density at 25°C gr/cm³: 1.85

Aspect: Coloured paste

Ratio of use glue/hardener: 100+2/3

Gel time (in bulk) at 25° C in min: 4-5

Tacky free in thin layer at 25° C in min: 25-30

Working time suggested at 25°c in min: 60-80

Minimum reaction temperature: 0°C

Minimum temperature of use after hardening: 0°C

Maximum temperature of use after hardening: +110°C

Adhesion test ASTM D 4541

Adhesion force at 25°c marble botticino polished after 2 hours: 4.0

Shelf life at 25°C: 12 months

Tensile Test ASTM D638

Ultimate tensile stress MPa: 50

Extensibility: >2%

Tensile modulus: 4000

Flexion Test ASTM D790

Breaking load Mpa: 110



Adhesion force at 25°C marble botticino polished after 24 hours: 5.4

SHELF LIFE

The products will last at least 12 months in the normal condition between 18-25°C, kept away from source of heat, humidity and sun light.

SAFETY RULES

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