

PRODUCT DATA SHEET

PRI-101 CLEAR BOND



SOLID

PRI BOND'S PRI-101 CLEAR BOND is thixotropic glue with high viscosity suitable to glue and to fix marbles, onix and stone in vertical. We suggest this glue in a very hot country or when it's necessary the high thixotropic aspect which permits the usage in vertical. The hard product is well dry, very polishable and sandable 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 at storage. Low styrene content.

Instructions for use

- Ensure that the marble to be treated is dry, clean and free of dust.
- Take from the container 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 sun rays.

TECHNICAL DATA

Viscosity cps 25°C 20 r.p.m.(ASTM D2196)	Tixotropic paste
Density at 25°C gr/cm ³	1.85-1,92
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
Shelf life at 18-25°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
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Adhesion test ASTM D 4541

Adhesion force at 25°C marble botticino polished after 2 hours	4.0
Adhesion force at 25°C marble botticino polished after 24 hours	5.4

LIQUID

Liquid glue with high viscosity suitable to glue and to fix marbles, onix and stone in horizontal. The hard product is well polishable and grindable. The reactivity is very good in cold condition too. The product has low shrinkage, good adhesion in many 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)	15000-19000 cps
Density at 25°C gr/cm ³	1.7
Aspect	Coloured liquid
Ratio of use glue/hardener	100+2/3
Gel time (in bulk) at 25° C in min	3-4
Tacky free in thin layer at 25° C in min	15-20
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
Shelf life at 18-25°C	12 months

Tensile Test ASTM D638

Ultimate tensile stress MPa	50
Extensibility	>2%
Tensile modulus	4000

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PACKING:

1.040 KG (1 Kg Resin + 40 grm hardener)