

TECHNICAL DATA

KBOND BUFF PASTE POLYESTER & KBOND BUFF FLOWING POLYESTER

APPLICATIONS

KBOND BUFF POLYESTERS are premium quality polyester adhesives. They have been designed with the stone fabricator and installer in mind. Kbond Buff Polyesters have been engineered to have the best possible ratio of working time to curing speed possible. Uses include bonding, laminating, installation of pieces, and repairs.

PROPERTIES

- 5 – 7 minutes of working time
- Tack-Free in 10-30 minutes
- Machinable in 30-60 minutes
- Buff Color Formulation for filling Travertine and other buff colored stones
- Paste won't sag on vertical surfaces

PROCESSING CONDITIONS

- Make sure stone surfaces are clean of any substance and dry.
- Measure out the appropriate amount of polyester resin, then measure out the appropriate amount of hardener.
- Next carefully mix the components together. Be careful to scrape the sides and bottom of mixing cup to ensure thorough mixing. Do not 'stir' product. This can trap air and cause bubbles.
- Over-working of product can cause the product to become thinner
- Do not use once gelling has begun.

PRECAUTIONS

Normal health and safety precautions should be observed when handling these products:

- Ensure good ventilation
- Wear gloves and safety glasses

For further information, please consult the Material Safety Data Sheet.

STANDARD PACKAGING

* All information is based on 100 grams (approximately 3.6 oz) of product being used at a room temperature and stone temperature of 77°F. Times may vary based on room temperature, stone temperature, amount of hardener used, or other environmental factors.

Properties of the Uncured Product*

Composition - Polyester Cream Hardener Mixed Product

Mix Ratio by Weight - 100 3 -

Physical Appearance - Thixotropic Gel Paste - Color - Neutral Translucent White Neutral Translucent

Density lbs/gal 9.5 10.0 - Specific Gravity - 1.14 1.20 -

Polyester Resin BPO Hardening Paste

1 -1 Quart 1 - 1 oz Tube

1 -1 Gallon 1 – 4 oz Tube

1 -5 Gallon 5 – 4 oz Tubes

STORAGE

The shelf life of both parts is twelve (12) months in a dry place and in the original unopened containers at a room temperature of 59°-77°F/15°-25°C. Do not allow product to freeze.

Properties of the Cured Product

Test Method

Final Hardness ASTM D-2240 Shore D 86-88

Glass Transition - °F/°C 149/65

Tensile Strength ASTM D-638 psi 6,000-8,000

Compressive Yield Strength ASTM D-695 psi 15,000-17,000

Flexural Strength ASTM D-790 psi 11,000-13,000