

KNIFE GRADE & SEMI-FLOWING

High quality acrylic adhesives for Natural Stone, in easy to mix bulk packaging

APPLICATIONS

Fabrication of laminations, deck seams and mitered edges for:

NATURAL STONES

Granite, Marble, Limestone, Onyx, Travertine, Quartzite, etc...

ADVANTAGES

Consistent color matches
Color match assist swatches available online and print
High strength
UV stable
Fast Cure
Working time 12 minutes
Fixture time 25 minutes
Low VOC
LEED Certification Compliant

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Integra
Adhesives

Product Overview

Our Knife Grade and Semi-Flowing adhesives are the latest generation of color matched adhesives for the natural stone industry. Pre-mixed colors specifically chosen for the natural stone market are available for tinting; developed for modern demanding fabrication methods such as laminating, mitering, v-grooving, and applications requiring high strength.

Integra's Knife Grade and Semi-Flowing produce great bond strength, fast cure, and consistent color matches. Integra's

adhesives create a strong bond even on dense and porous stones. Our white pigments stay white and won't stain. Great for white marbles.

Packaging

Surface Bonder Xi Knife Grade and Semi-Flowing are available in 1.25 gallon cans, offered individually or in 2 packs and 4 packs. The bundled packs include 1 or 2 bottles of our 100ml cream hardener at no additional cost. Also available in Quart cans that include a 25ml tube of cream hardener.

Characteristics

Appearance — Component A	Clear or colored viscous liquid
Appearance — Component B	Clear to white viscous liquid
Viscosity A (Knife Grade)	200,000 – 900,000 CPS
Viscosity A (Semi-Flowing)	40,000 – 150,000 CPS
Viscosity B (Cream Hardener)	2000 CPS
Density	1.21 g/L
Working Time	10 – 15 minutes
Fixture Time	20 – 30 minutes
Recommended Bond Line	0.002 – 0.070 inches (0.05 – 2.0mm)
Bond Strength — Flexural	3000 – 4000 PSI (210 – 281 kg/cm ²)
Shelf Life — Component A	1 – 2 years
Shelf Life — Component B	1 year
Mix Ratio A:B (Volume)	98:2 optimum

Color Matching

Integra is known for our excellence in color matching. Our lab uses a combination of technical equipment and years of experience to produce unrivalled color matches for natural stone. We have hand selected a special line of 10 pre-mixed pigments that can be used to tint the Knife Grade and Semi-Flowing adhesives. These pigments were selected for their ability to match hundreds of natural stone sheet goods. Pigments are available in: Black, Ubatuba, Flint, Pewter, White, Earth, Cocoa Brown, Khaki, Rhin, and Cygnus Pearl. Visit us online at www.integra-adhesives.com/color-charts/

for up to date color reference charts. Or request a copy of our Stone Swatch Deck which can be used as a visual reference guide to help choose the right adhesive pigment for any stone you're working with.

Shipping Options

Integra's adhesives are stocked at multiple locations across North America and Europe. Ground delivery within the continental US and Canada within 1–2 days.