

# SURFACE BONDER ULTRA

Surfacing adhesive for indoor and outdoor applications on today's trending surfaces

## APPLICATIONS

Fabrication of mitered edges, laminations and deck seams on:

CERAMICS  
SINTERED SURFACES  
NATURAL STONE  
QUARTZ  
GLASS AND MORE

For **INDOOR / OUTDOOR** use

For **POLISHED, HONED AND TEXTURED** surfaces

## ADVANTAGES

Auto-dispense system  
Invisible seams  
Polished/Honed/Textured seams  
Pre-mixed in many popular colors  
Bulk cans with UV stable pigments  
High strength  
UV resistant  
Withstands extreme weather  
Working time 12 minutes  
Fixture time 80-90 minutes  
LOW VOC

## CONTACT

### PHONE

1.888.862.6665  
1.604.850.1321

### FAX

1.604.850.1354

### EMAIL & WEB

contact@integra-adhesives.com  
www.integra-adhesives.com

**Integra**  
**Adhesives**

## Product Overview

Surface Bonder Ultra is a premium, UV stable, Modified Hybrid Polyaspartic surfacing adhesive for indoor and outdoor applications. This unique adhesive will not yellow, stain, or bleed making it perfect for white marbles. Surface Bonder Ultra contains almost no VOC's and is not classified as a hazardous material.

Offered pre-colored in a dual-component 215ml, 2:1 mixing ratio cartridge or a clear tintable version in a quart (790ml) can, Surface Bonder Ultra is the newest addition to Integra's full line of adhesives and

accessories. At Integra Adhesives, we create our own formulations, cartridges, mixers and customized dispensers based on fabricator feedback. Our system approach ensures quality, performance and very competitive pricing, for every fabrication step.

Download our online color charts or our app to achieve accurate color matches for endless surfaces. Consult our experts in-the-field or in-house on how our products can simplify your fabrication, for exceptional results.

## Characteristics

Characteristic	Surface Bonder Ultra — Cartridge	Surface Bonder Ultra — Can
Appearance — Resin	White or colored viscous liquid	Clear, viscous liquid
Appearance — Hardener	Clear viscous liquid	Clear, viscous liquid
Viscosity — Resin	40,000 – 400,000 Thixotropic	30,000 – 100,000 Thixotropic
Viscosity — Hardener	Thixotropic liquid	Thixotropic liquid
Density — Resin	1.15	
Density — Hardener	1.30	
Mix Ratio — Resin:Hardener	2:1 VOLUME	100g → 75g WEIGHT
Recommended Bond Line	0.002–0.004 inches (0.05–1.0mm)	0.002–0.004 inches (0.05–1.0mm)
Working Time	10–12 minutes	10–12 minutes
Tacky free at 25°C; 50% relative humidity	50–55 min	48–55 min
Fixture Time (for polishing / cutting)	80–90 minutes	80–90 minutes
100% bond strength	24 hours	24 hours
Flexural Bond Strength — Ceramic	4000–4500 psi / 281–316kg/cm <sup>2</sup>	4000–4500 psi / 281–316kg/cm <sup>2</sup>
Flexural Bond Strength — Natural Stone	Stronger than surface	Stronger than surface
Flexural Bond Strength — Glass	4000–5000 psi / 280–351kg/cm <sup>2</sup>	4000–5000 psi / 280–351kg/cm <sup>2</sup>
Shelf Life	> 1 year	> 1 year / ~1 week after opening
Weather test in climactic QUV chamber 0.80, 42-45°C, cycle QUV-A 24/7	PASS	PASS
Minimum reaction temperature	+41°F / +5°C	+41°F / +5°C
Minimum recommended temperature after cure	-4°F / -20°C	-4°F / -20°C
Maximum recommended temperature after cure	+140°F / +60°C	+140°F / +60°C

## Color Matching

Integra is known industry wide for its excellence in matching colors. The lab uses a combination of technical equipment and experience to produce unrivalled color matches. Surface Bonder Ultra is available pre-colored in cartridges, in a select range of the most common ceramic/sintered sheet colors as well as the most common natural stone colors. This offering is set to expand over time, so consult your representative for the most up to date offerings. For everything else, use our UV stable tints in combination with the Ultra bulk adhesives.

## Dispensing / Packaging

Surface Bonder Ultra is packaged in a dual-component 215ml, 2:1 mixing ratio cartridge as part of a meter/mix/dispense system with specialty mixing tips and dispenser. A crystal-clear formulation is also available in Quart (960ml) cans. Specialized UV stable pigments are available for manual tinting.

## Shipping Options

Integra's adhesives are stocked at multiple locations across North America and Europe. A 1–2 day lead time can generally be expected for ground delivery within the continental US and Canada.