

Horizon™

**The Indoor & Outdoor Surface Adhesive
For Quartz, Porcelain, Sintered Stone
& Natural Stone**

Product Overview

Integra Horizon is a high-performance 10:1 two-part methacrylate adhesive engineered for both interior and exterior surface fabrication. From luxury kitchens to poolside installations, Horizon delivers superior bond strength, UV resistance, and color stability that stands up to sun, rain, and temperature extremes.

Key Features

- ✓ Strong, durable bonds to quartz, porcelain, ceramic, sintered stone, and natural stone
- ✓ 10:1 mix ratio for precise, consistent dispensing and curing
- ✓ Fast working time enables efficient fabrication and installation
- ✓ High UV and weather resistance for outdoor applications
- ✓ Excellent color stability
- ✓ Available in color-matched range for leading surface brands
- ✓ Low VOC for a healthier working environment
- ✓ No sag formula, ideal for vertical applications

Applications

- ✓ Seam bonding and deck seams in countertop fabrication
- ✓ Laminating build-ups and edge details
- ✓ Miter joints and vertical cladding assemblies, including fireplace seaming
- ✓ Outdoor fabrications: pool edges, outdoor kitchens, exterior trims, flooring applications



Technical Specifications

Horizon™

Characteristic	Horizon
Working Time	9 - 14 minutes
Fixture Time	20 - 30 minutes
Operating Temperature	60° - 80°F (16° - 27°C)
Temperature Cycling	-40° - 158°F (-40° - 70°C) based on ASTM D1183
Viscosity - Adhesive	40,000 - 70,000 cps
Viscosity - Activator	700 - 2,000 cPs
Color - Adhesive	Various
Color - Activator	Clear
Flexural Strength - Natural Stone	> 4,000 psi
Flexural Strength - Quartz	> 4,000 psi
Flexural Strength - Sintered Stone	> 4,000 psi
Flexural Strength - Porcelain	> 4,000 psi
Gap Filling Recommended Bond Line	< 0.04 inches (1.0mm)
Sag performance	Non sag
Shelf Life	1 year
QUV Performance (for popular colors like Trans White, Lunar Pearl, Fieldstone)**	$\Delta E^* < 1.50$

* Use at temperatures below 55°F (12°C) or above 90°F (32°C) will cause change in working and fixture times and may cause incomplete cure, yellowing and poor bonding strength.

**Exact ΔE^* will vary color to color

Substrate Preparation

- ✓ Ensure bonding surfaces are clean, dry, and free from dust, oil, and debris
- ✓ Wipe with isopropyl alcohol or denatured alcohol before bonding
- ✓ Always perform a test bond before large-scale fabrication to confirm compatibility and color match

Applications Instructions

Step 1- Use a 10:1 ratio Integra-approved cartridge dispenser. Step 2- Insert cartridge into dispenser and purge until both components uniformly flow out. Step 3 - Attach mix tip to the nozzle of the cartridge then purge material until a consistent color is reached. Step 4 - Apply adhesive in a consistent bead directly to the substrate, ensuring enough material for a

small amount of squeeze out. Step 5 - Clamp with the right pressure or support components as required until fixture time is reached. Step 6 - Remove excess adhesive within the working time. For full instructions refer to 'Cartridge Application Procedure' document. Step 7 - Once full cure is achieved, remove any clamps and clean as needed.

Storage & Shelf Life

Store upright between 60-80°F (16-27°C) in a cool, dry place. Long-term exposure to higher temperatures will reduce shelf

life and alter cure properties. Do not freeze. See MFG data on cartridge for expiration information.

Dispensing / Packaging

Integra Adhesives is a world leader in precolored cartridge-based adhesives specially designed for the surfacing industry. Our unique cartridge-based mix and dispense

system allows for efficient and consistent color match, fast production output, and low waste. Horizon is available in 250ml cartridges.

Color Matching

Integra Adhesives is known throughout the industry for excellence in color matching. Our lab combines the latest technology and extensive practical knowledge to produce unrivaled color matches. Customers have access to a large and ever-expanding palette of colors from which to choose.

For accurate color matches:

- ✓ Visit: www.integra-adhesives.com/color-charts/
- ✓ Download: Integra Adhesives App (Apple App Store or Google Play Store)

Shipping Options

Integra Adhesives products are available across North America, Europe and many other parts of the world.

Please visit www.integra-adhesives.com to find a distributor near you.

Health & Safety

Contains methyl methacrylate. Use with adequate ventilation. Avoid contact with skin and eyes. Refer to the

Safety Data Sheet (SDS) for detailed handling and first aid information. For professional use only.

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