



METHACRYLATE

Taftbond Solid Surface Adhesive

Methacrylate

REF PA/CHMLOK

ISSUED July 2023

REVIEWED June 2026

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DESCRIPTION

Taftbond Solid Surface Adhesive is a two-component, 100% reactive, toughened structural methacrylate adhesive specifically formulated for the solid surface industry.

FEATURES

- Precisely colour matched for surface materials such as Granite, Marble, Engineered stone, Quartz Surfaces and Solid Surface
- UV stable with self-leveling liquid
- Room temperature fast curing, high strength with invisible seams

APPLICATIONS

- Solid Surfaces: Corian, HiMacs, Staron, Avonite
- Quartz Surfaces: Silestone, Caesarstone, Cambria, LG, etc.
- Natural Stone: Granite, Soapstone, etc.

ADHESIVE PROPERTIES

PROPERTY	ADHESIVE	ACTIVATOR
Appearance	Clear / Various Colours	Clear (Slight Haze)
Viscosity @ 25°C, Brookfield RVT	40,000 - 100,000	18,000 - 25,000
Density (lbs/gal)	8.55	8.71
Mix Ratio (weight & volume)	10	1

CURE CHARACTERISTICS

PROPERTY	SPECIFICATION
Working Time	10 - 15 minutes
Fixture Time	20 - 30 minutes
Functional Cure	1 - 3 hours
Full Cure	24 hours
Service Temperature	-34°C to 121°C
Recommended Bond Line	0.05 to 1.00 mm
Bond Strength (Solid Surface)	280 to 420 Kg/cm
Bond Strength (Quartz Surface)	210 to 281 Kg/cm

APPLICATION INSTRUCTIONS

All surfaces must be clean, dry, dust and grease free. Best result will be achieved with surfaces that have been lightly abraded immediately prior to bonding. Proper mixing is required for the curing and adhesive strength development. Excess adhesive can be wiped away with organic solvent. Adhesive bond should be allowed to develop full strength before subjecting to any service loads.

STORAGE AND SHELF LIFE

Shelf life of adhesive (Part A) is 1 year from day of shipment from source. Shelf life of activator (Part B), including cartridges that contain activators, is 9 months from day of shipment. Shelf life is based on continuous storage between 13°C and 24°C. Long term exposure above 24°C will reduce the shelf life. These products should never be frozen.

COMPLIANCE AND QUALITY

Made under the ISO 9001 quality management system of Vitrochem Technology. RoHS declarations and Safety Data Sheets are available on request.

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Data last reviewed **June 2026**.

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