



AmericanBiltrite
Flooring

AD-610: ACRYLIC ADHESIVE FOR SOLID VINYL TILE, ENGINEERED STONE AND LUXURY VINYL TILE

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION



AD-610 is an exclusive acrylic wet set adhesive with outstanding adhesion properties especially designed for American Biltrite's Texas Granite® Solid Vinyl Tile flooring, UltraCeramic® Engineered Stone as well as American Biltrite's Luxury Vinyl Tile and Plank Flooring (LVT).

APPLICATION

	Subfloor, porous and non-porous Texas Granite® Solid Vinyl Tile, UltraCeramic® Engineered Stone and Luxury Vinyl Tile (LVT)
Type of installation	Semi-wet
Flash Time*	5 to 15 minutes
Working time**	30 minutes
Trowel Depth/Width/Spacing	U-notched 0.8 mm x 1.6 mm x 0.8 mm (1/32" x 1/16" x 1/32")
Coverage***	Up to 19 sq.m/3.79 liters (200 sq.ft/US gallon)

SPECIFIC SUBFLOOR CONDITIONS PRIOR TO INSTALLATION

pH (ASTM F710)	8-11
Relative Humidity (RH) (ASTM F2170)	Maximum 85%
Moisture Vapor Emission Rate (MVER) (ASTM F1869)	<3.63 kg/93 sq.m/24 hours (<8.0 lb/1,000 sq.ft/24 hours)

- * The working and flash times are supplied as a guideline; they can vary depending on ambient temperature and humidity as well as subfloor porosity, humidity and temperature. Mat bond test required as per ASTM F3311.
- ** The working time must ensure an adequate transfer of adhesive to the flooring backing.
- *** Adhesive coverage is supplied as a guideline for estimation purposes.



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SPECIFIC INSTRUCTIONS AFTER INSTALLATION

Roll the flooring in both directions with a 45 kg (100 lb) sectional roller.

Adhesive clean up: soapy water, rubbing alcohol, denatured alcohol or methyl hydrate.

Protection :

- 45 minutes up to 24 hours after laying tile: Completion of installation, no traffic;
- 3 hours after adhesive application: Grout/sealer application is allowed, if needed;
- From 24 to 72 hours : Light traffic, heat welding;
- After 72 hours: Moderate to heavy traffic, initial maintenance.

ADHESIVE PROPERTIES

Polymer	Acrylic
Color	Off-white
Size	3.79 liters and 15.1 liters (1 and 4 US gallons)
Solid content	72 to 74%
Storage conditions	Between 10 °C and 29 °C (50 °F and 85 °F)
Shelf life	18 months when stored in original packaging
VOC (SCAQMD rule #1168)	0 g/liter (0 oz/US gallon)
Certification (Indoor Environmental Quality)	FloorScore® # SCS-FS-04503
LEED projects eligibility	See LEED v4 Matrix

Remarks:

- Refer to safety data sheet for further instructions.
- Wear suitable individual protection equipment while using the product.
- Keep out of reach of children.
- Protect against freezing during transportation and storage.

GENERAL WARRANTY

American Biltrite warrants that the adhesive will be free from manufacturing defects. The adhesive and flooring product form a system when installed in accordance to our installation instructions and will be warranted in accordance to American Biltrite's flooring product limited warranty.

Refer to the [Floor Preparation](#) and [Adhesive Quick Check Chart](#) documents.

Please note that technical web site documents prevail.

