

## AD-777: ACRYLIC ADHESIVE FOR RUBBER FLOORING

### TECHNICAL DATA SHEET

#### PRODUCT DESCRIPTION



AD-777 is an exclusive acrylic adhesive with outstanding adhesion properties especially designed for American Biltrite's Rubber Sheet and Rubber Tile flooring.

#### APPLICATION

	Subfloor, porous and non-porous	
	Rubber Sheet	Rubber Tile
Type of installation	Semi-wet	Semi-wet
Flash Time*	10 to 20 minutes	15 to 30 minutes
Working time**	1 hour	1 hour
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 23 sq.m/3.79 liters (245 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 is 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 only.

#### 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.

Do not use mineral spirits.

Protection :

- Up to 24 hours after installation : no traffic;
- From 24 to 72 hours : Light traffic, heat welding;
- After 72 hours: Moderate to heavy traffic, initial maintenance.

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ADHESIVE PROPERTIES	
Polymer	Acrylic
Color	Off-white
Size	3.79 liters and 15.1 liters (1 and 4 US gallons)
Solid content	55 to 65%
Storage conditions	Between 10 °C and 29 °C (50 °F and 85 °F)
Shelf life	2 years when stored in original packaging
VOC (SCAQMD rule #1168)	33 g/liter (4.4 oz/US gallon)
Certification (Indoor Environmental Quality)	CRI Green Label Plus #GLP05980
LEED projects eligibility	See <a href="#">LEED v4 Matrix</a>

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.