



# Composites

## ADVANCED POLYMER adhesive

PRODUCT CODE: R53829

### FOR USE WITH FIRE RATED MOISTURE-RESISTANT SUBSTRATES

#### DESCRIPTION

Advanced Polymer Adhesive is a high performance, professional strength adhesive. This fast grab adhesive has a rapid cure rate, trowels easily, contains no water, and is moisture, mold and mildew resistant. This adhesive provides as much strength in four hours as urethane or solvent-based counterparts do in 24 hours. Its ultra quick speed development enables contractors to install virtually any type of paneling on porous or non-porous substrates without using fasteners.

#### SHELF LIFE/STORAGE

When stored in its original, tightly sealed container, Crane Composites FRP Adhesive has a shelf life of one year (12 months) in unopened container - from the date of manufacture. See next page for assistance to determine date.

#### APPLICATION TEMPERATURE

Over 50°F and below 90°F for adhesive and substrates.

#### SERVICE TEMPERATURE

0°F. to 110°F

#### COVERAGE

60 sq. ft. per gallon

#### WORK TIME

20 minutes at 70°F

#### FEATURES AND BENEFITS

- Achieves NFPA Class A fire rating
- Fast Strength Development
- VOC-Compliant, Nonflammable
- Moisture, Mold & Mildew Resistant
- Quick Grab Formula
- Bonds Non-Porous Surfaces

#### APPLICATION LIMITATIONS

This product is for interior installations only. For best results, store Crane Composites Advanced Polymer Panel Adhesive above 50°F. Before installation it is important to wipe down all FRP with acetone if an oily residue is present as this can deter adhesion.

TYPICAL PHYSICAL PROPERTIES	
PROPERTY	TYPICAL VALUE
TYPE	Polyether
STATE	Low Viscosity Mastic
COLOR	White
SOLIDS	100%
VISCOSITY	125,000 cps
CALCULATED VOC	0 g/L (20 g/L during cure)
FLASHPOINT	>200°F
APPLICATION	5/16 x 3/16 x 1/4 V-Notched Trowel
SHELF LIFE	12 Months **
VOC	<50 g/L

\* Data is typical and not to be used for specification purposes  
\*\* Shelf Life - when stored in its original, tightly sealed container, see next page for assistance to determine date

## WORKING SURFACES

Surfaces must be free of any material that may deter adhesion, including severe and thick amounts of drywall joint compound. Patch large holes and depressions and remove any bumps, high spots, dust, oil, and grease. Cut and pre-fit all panels. Lay panels flat and let them acclimate to room temperature 24 hours before installing.

Note: Bracing may be required if walls or panels are not straight. Panels used in conjunction with channel moldings should NOT fit tightly into the moldings. Leave a small gap under the molding for expansion and follow panel manufacturer's recommendations. Any holes drilled through the panels for fasteners, pipes or conduits should be oversized to allow for natural movement of the panel.

## CLEAN UP

It is important to clean-up adhesive immediately while still wet. To clean adhesive from panel, tools and hands while wet, use mineral spirits and a rag. Once adhesive has cured, it can be extremely difficult to remove. Follow solvent vendor's precautions.

NOTE: Test solvent in an out-of-the-way area to make sure it will not mar or attack the surface.

## CAUTION STATEMENT

WARNING: EYE AND SKIN IRRITANT. Do not swallow. Do not allow eye contact or prolonged skin contact. First Aid: If swallowed, do not induce vomiting; contact physician. If eye contact occurs, flush eyes with water for 15 minutes. Wash skin contact areas with soap and water. If irritation from eye and skin contact persists, contact physician. Product releases methanol during cure. For additional information, refer to Material Safety Data Sheet. KEEP OUT OF THE REACH OF CHILDREN.

## MANUFACTURER DATE

The expected shelf life for unopened containers of Advanced Polymer (R53829) Adhesive is one year from the date of manufacture. The date of manufacture can be determined by the lot number stamped on the pail. Our lot number will start with an A, followed by several numbers. The first number will be the last digit in the year of manufacture. Products made in 2014 will have a 4. The next two numbers will indicate the month and the next two numbers will indicate the day. For example the lot number for product manufactured on April 15, 2014 would be A40415. Where the product is stored can affect the actual shelf life.

A global leading provider of resilient wall and ceiling coverings. Kemlite® was established in 1954 and the company changed names to Crane Composites in 2007. Crane Composites is headquartered in Channahon, IL and all our products are manufactured in the United States. We work with hundreds of distributors, ensuring our products are easily accessible and readily available to our customers.

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