



WALL INSULATION

FOIL-GRIP™ 1402

Description

CCW FOIL-GRIP 1402 is a 17-mil-thick pressure-sensitive flashing tape composed of an aluminum foil facer fully coated with a non-asphalt, modified butyl adhesive. The product is ideal for sealing board joints and brick-tie penetrations through CCW's R2+™ polyiso insulation, and can be used in a similar manner over Insulfoam R-Tech® and XPS foam board insulation. The adhesive and facer composition of CCW FOIL-GRIP 1402 make this product ideal for use over insulation. The adhesive exhibits aggressive adhesion to the surface, while the foil facer provides excellent UV resistance and does not curl or wrinkle when subjected to typical solar heat gain. CCW FOIL-GRIP 1402 is provided in rolls cut to various widths. This flashing tape product is furnished with a release liner which is removed and discarded during installation.

Features and Benefits

- Single source system - FOIL-GRIP 1402 is an essential component of CCW's R2+ polyiso insulation systems
- Easy to use – convenient size rolls and simple peel-and-stick installation over wide temperature range without primer
- The right tape for the job – withstands surface heat gain and UV exposure typical in the installation

Installation

Surfaces shall be clean, dry and sound. In cold weather, store CCW FOIL-GRIP 1402 in a heated area at 50°F or higher for at least 16 hours before use. All surfaces shall be clean and dry. Use CCW Contact Adhesive to assist adhesion of CCW FOIL-GRIP 1402 tape at lower temperatures or dusty/weathered substrate conditions as indicated in the chart below:

Priming Requirements

Substrates	Substrate Condition	Ambient & Surface Temp	CCW Contact Adhesive
R2+ SILVER, R2+ MATTE, R2+ SHEATHE, R2+ BASE, Insulfoam® R-Tech, XPS (i.e. Foamular™, Styrofoam™)	Clean & Dry	40°F or higher	None required
R2+ SILVER, R2+ MATTE, R2+ SHEATHE, R2+ BASE	Clean & Dry, Weathered/Light Dust	25°F or higher	TRAVEL-TACK™, CAV-GRIP™, CCW-702 LV, CCW-702
R2+ SILVER, R2+ MATTE, R2+ SHEATHE, R2+ BASE, Insulfoam R-Tech, XPS (i.e. Foamular™, Styrofoam™)	Weathered/Light Dust	40°F or higher	702 WB

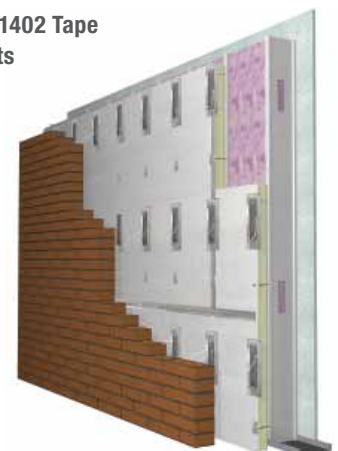
Observe installation instructions including drying times and coverage rates indicated on the CCW Contact Adhesive Product Data Sheet.

Cut CCW FOIL-GRIP 1402 to size. Position in place and remove release liner. Install tape smooth and flat against surface, avoiding formation of wrinkles or bubbles. Press tape in place, especially at edges and corners with seam roller or with a squeegee. Overlap neighboring pieces of tape 3" minimum at horizontal splices and 5" minimum at vertical splices. Sequence installation of CCW FOIL-GRIP 1402 to form shingled laps. Consult the R2+ Installation Guide for minimum required tape width and positioning relative to seams, fasteners, brick ties and other hardware.

FIGURE 1: CCW FOIL-GRIP 1402 Sealing Board Joints and Brick Tie Penetrations



FIGURE 2: Example of Foil-GRIP 1402 Tape Used to Seal R2+ SHEATHE Joints and Penetrations



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Limitations

- For use in above-grade vertical walls
- Do not apply in areas expected to reach 180°F or higher
- Cover insulation board and FOIL-GRIP 1402 as soon as possible where neighboring reflective surfaces, such as windows and white roofs, cause extreme surface heat gain
- Maximum permitted outdoor exposure of CCW FOIL-GRIP 1402 is 180 days

Storage

Store product in a protected area between 50°F and 90°F. Product shelf life is 24 months beyond date of manufacture.

Packaging

CCW FOIL-GRIP 1402 Tape

Part Number	Roll Size	Rolls/Carton
304095	4" x 100'	12
304096	6" x 100'	8

CCW Contact Adhesives

Part Number	Product	Description	Packaging
305363	CCW-702	Solvent-based contact adhesive	5-GAL Pail
316148	CCW-702 LV	VOC-compliant, solvent-based contact adhesive	5-GAL Pail
315109	CCW-702 WB	Water-based contact adhesive	5-GAL Pail
308599	TRAVEL-TACK	Solvent-based aerosol contact adhesive	15 oz. spay can, 12 per carton
305432	CAV-GRIP	Solvent-based aerosol contact adhesive	40# pressurized cylinder filled with 30 lb. of adhesive
307490	CAV-GRIP Spray Gun	Pistol-grip gun with spray tip	1 per box
304302	CAV-GRIP 6' Hose	Hose with fittings, 6' length	1 per box
304303	CAV-GRIP 12' Hose	Hose with fittings, 12' length	1 per box
304304	CAV-GRIP 18' Hose	Hose with fittings, 18' length	1 per box

Typical Properties

Property	Method	Typical Value
Appearance	—	Aluminum foil facer with gray butyl adhesive
Thickness – facer + adhesive	—	0.017" (17 mils)
Service Temperature	—	-20°F to 180°F
Minimum Installation Temperature, with Primer	—	25°F ambient & substrate temp 50°F product temp
Minimum Installation Temperature, without Primer	—	40°F ambient & substrate temp 50°F product temp
Tensile Strength	ASTM D 882	16 lb/in, min.
Peel Strength (sheet aluminum substrate @ room temp)	ASTM D 903	10 lb/in
Flame Spread Index	ASTM E 84	20
Smoke Developed Index	ASTM E 84	40
Water Vapor Permeance	ASTM E 96 B	<0.1 Perm
UV Resistance	ASTM G 53	2,000 h in QUV, unaffected

Limited Warranty

Carlisle Coatings & Waterproofing Incorporated (Carlisle) warrants this product to be free of defects in workmanship and materials only at the time of shipment from our factory. If any Carlisle materials prove to contain manufacturing defects that substantially affect their performance, Carlisle will, at its option, replace the materials or refund its purchase price. This limited warranty is the only warranty extended by Carlisle with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. Carlisle specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever. The dollar value of Carlisle's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the Carlisle material in question.