



CCW-705-TWF

SELF-ADHERING THRU-WALL FLASHING

DESCRIPTION

The CCW-705-TWF Thru-Wall Flashing is a 40 mil thick composite consisting of a 32 mil self-adhering rubberized asphalt membrane laminated to an 8 mil high density polyethylene film. A siliconized release liner prevents the material from sticking together in the roll, and is easily removed for installation. CCW-705-TWF is available in convenient widths of 12, 18, 24 and 36" inches. The factory controlled quality assures uniform thickness on the job, while the inherent waterproofing properties of the rubberized asphalt membrane provide an excellent water barrier. The heavy polyethylene film is resistant to cuts and tears.

TYPICAL USE

CCW-705-TWF Thru-Wall Flashing is designed to provide moisture protection in cavity wall construction. Its self-adhesive nature allows easy installation on concrete, masonry, gypsum, steel and wood substrates.

ADVANTAGES

- The inherent durability of the 8 mil cross-laminated polyethylene film resists mechanical damage and ensures the integrity of the rubberized asphalt waterproofing membrane during subsequent wall construction.
- CCW-705-TWF provides a waterproof barrier at flashing areas to prevent wall assembly leaks.
- The membrane is fully adhered to the substrate to prevent moisture migration behind the flashing.
- The rubberized asphalt seals around fastener penetrations through the membrane.
- CCW-705-TWF Thru-Wall Flashing is compatible with CCW-705 Vapor/Air Barrier Membrane to provide a complete system of wall protection.
- Detailing is easy to install, inspect and repair.

INSTALLATION

Surface Preparation: Concrete shall be in place for 7 days minimum. Substrate must be completely dry. Surface shall have a smooth finish free of voids, sharp protrusions, laitance and form release agents. Block or brick walls shall have mortar joints struck flush.

Priming: Surfaces to receive CCW-705 Vapor/Air Barrier System must be clean and dry. For best results, concrete, masonry and some exterior gypsum substrates require priming with CCW-702, CCW-AWP or CCW-714 primers.

Apply CCW-702 Primer by spray, brush or with a long nap roller at 300 to 350 sq. ft. per gallon. At 75°F allow primer to dry 20 minutes minimum. Primer has a satisfactory cure when it will not transfer when touched. Prime only areas to be waterproofed the same day. Reprime if area becomes dirty.

If using CCW-AWP or CCW-714 water-based primer, apply sparingly with a brush or low pressure spray at 400 to 600 sq. ft. per gallon and allow to dry 30 minutes minimum at 75°F. If necessary, protect primed area from dust and debris; reprime if area becomes dirty.

Application: Precut CCW-705-TWF Thru-Wall Flashing to fit each location. Remove siliconized release liner and position flashing carefully before pressing in place. Press firmly in place with a steel hand roller, taking care to avoid air pockets and wrinkles. Overlap adjoining pieces 2 inches. Cut bottom edge back 1/2 inch from finished surface of building.

Terminations: Press terminating edges firmly in place with a hammer handle or similar tool. Apply CCW-704 Mastic to all terminating edges, laps, cuts, and penetrations. The use of a surface mounted termination bar or placing the flashing membrane into a joint or reglet of the inner back up wall is recommended for vertical terminations. Horizontal terminations at end dams require a minimum 2 inch turn up of membrane to form a tray.

Note: Failure to use adequate pressure at terminating edges will result in a poor seal and potential leak. The use of mastic is not a substitute for a good seal.

TECHNICAL DATA

PROPERTY	ASTM	RESULTS
Thickness		40 mils
Tensile Strength	D-412	1200 psi min.
Elongation*	D-412	200% min.
Pliability	D-146	pass @ -25°F, 1/4" mandrel
Peel Adhesion	D-903	5 lbs./in. min.
Puncture Resistance	E-154	80 lbs. min.
* % of elongation to ultimate failure of rubberized asphalt membrane		

PACKAGING

CCW-705-TWF, 12" x 100' (100 sq ft), 2 rolls per box,
32 boxes per pallet

CCW-705-TWF, 18" x 100' (150 sq ft), 1 roll per box,
48 boxes per pallet

CCW-705-TWF, 24" x 100' (200 sq ft), 1 roll per box,
32 boxes per pallet

CCW-705-TWF, 36" x 75' (225 sq ft), 1 roll per box, 35
boxes per pallet

CCW-702 Solvent-based Primer, 5 gallon pails,
45 pails per pallet

CCW-AWP Water-based Primer, 1 gallon containers (252
containers per pallet) 5 gallon containers,
(60 containers per pallet)

CCW-714 Water-based Primer, 5 gallon pails,
45 pails per pallet

LIMITATIONS

- Do not use in areas where membrane will be subject to continuous exposure to sunlight or to temperatures in excess of 180°F.
- Concrete, masonry and some exterior gypsum substrates require priming for best results.
- Membrane must be installed at temperatures above 40°F.
- Do not apply primer or membrane to damp, frosty or contaminated surfaces.
- Do not use over sealants containing coal tar or polysulfides. If these materials are present, they must be removed and the surfaces thoroughly cleaned.

WARNINGS AND HAZARDS

Avoid breathing vapors from the primer and mastic. Use in areas with adequate ventilation. *Refer to MSDS for important warnings and safety information.*

STORAGE

CCW-705-TWF rolls should be stored on end, under cover, and in areas where the temperature is between 40° and 100°F (4.4° and 38°C). Do not double stack pallets

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 effect 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.