



SURE-SEAL

CLEAN CURED EPDM FLASHING

DESCRIPTION

Carlisle Sure-Seal (black) Clean Cured EPDM Flashing is used for flashing various details in Carlisle Waterproofing Systems. The .060" (1.5 mm) flashing membrane is manufactured from seamless non-reinforced membrane in a totally unique manufacturing process and is very tough and durable. The cured flashing's resiliency enables it to expand and contract without weakening and it resists tearing, flex cracking and abrasion as well as other forms of deterioration caused by extremes of temperature, sunlight, precipitation and all forms of normal weathering.

APPLICATION

1. Carlisle's Clean Cured EPDM Flashing is used to flash many different roofing system structures and penetrations. The specific method of applying the flashing for each indi-

vidual situation is different. The appropriate Carlisle Specification and/or Detail must be referenced prior to application.

2. Carlisle's Bonding Adhesive is used to bond the Clean Cured EPDM Flashing to substrates other than the Carlisle EPDM field membrane. The exceptions to this are on details where splicing procedures are required (i.e., gravel stop, etc.).

3. Splices between Carlisle's Clean Cured EPDM Flashing and the Sure-Seal EPDM field membrane are to be made using Carlisle's Sure-Seal EP-95 Splicing Cement or Sure-Seal Splice Tape.

4. When using Pressure-Sensitive Corners on Clean Cured Flashing, a base coat of Sure-Seal EP-95 is required on the Clean Cured Flashing.

TECHNICAL DATA*

Property	Test Method	Specification
Tolerance on nominal thickness, %	ASTM D 412	±10
Tensile Strength, min, psi (MPa)	ASTM D 412	1305 (9)
Elongation, ultimate min, %	ASTM D 412	350
Tear Resistance, min, lbf/in (kN/m)	ASTM D 624 (Die C)	175 (30.6)
Ozone Resistance*	ASTM D 1149	No Cracks
Condition after exposure to 100 pphm ozone in air for 168 h @ 104°F (40°C) (specimen under 50% strain)		
Brittleness Temperature, max, °F (°C)*	ASTM D 746	-75 (-59)
Resistance to Water Absorption*	ASTM D 471	4.0
Change in mass, max, after 7 days immersion @ 158°F (70°C), %		
Water Vapor Permeance, max, perm*	ASTM E 96 (Proc B or BW)	0.10
Resistance to Heat Aging*	ASTM D 573	
Properties after 7 days @ 240°F (116°C)		
Tensile Strength min, psi (MPa)	ASTM D 412	1200 (8.3)
Elongation, ultimate min, %	ASTM D 412	225
Tear Resistance min, lbf/in (kN/m)	ASTM D 624	150 (26.3)
Linear Dimensional Change, max, %	ASTM D	1204 ±2
Resistance to Outdoor (Ultraviolet)*	ASTM G 26	No Cracks
Weathering No Cracking		
Xenon-Arc, 4000 hours exposure, ¹ 176°F (80°C) black panel temp.		
Sheet Composition	ASTM D 297	
Weight percent of polymer that is EPDM, min. %		100
Weight percent of sheet that is EPDM polymer, min. %		30

*Not a Quality Control Test due to the time required for the test or the complexity of the test. However, all tests are run on a statistical basis to ensure overall long-term performance of the sheeting. ¹Approximately equivalent to 8,000 hours exposure at 158°F (70°C) black panel temperature.

PACKAGING

Sure-Seal Clean Cured EPDM Flashing is available in a thickness of .060" (1.50 mm) and widths of 6", 9", 12", and 18" by 100' (15, 23, 30, and 46 cm by 30 m).

CAUTIONS AND LIMITATIONS

1. Review the applicable Material Safety Data Sheet for complete safety information prior to use.
2. Do not allow waste products (petroleum, grease, oil, solvents, vegetable or mineral oil, animal fats, etc.) or direct steam venting to come in contact with the Sure-Seal Clean Cured EPDM Flashings.

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.

