

# WATERPROOFING

## 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.

Carlisle's Clean-Cured EPDM Flashing is used to flash many different roofing and waterproofing system structures and penetrations.

### Installation

The specific method of applying the flashing for each individual situation is different. The appropriate Carlisle specification and/or detail must be referenced prior to application.

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.).

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.

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

### Warnings and Hazards

Review the applicable Material Safety Data Sheet for complete safety information prior to use.

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.

### Packaging

18" x 100' rolls

### Typical Properties

Property	Method	Results
Tolerance on nominal thickness	ASTM D412	±10
Tensile Strength, min, psi (MPa)	ASTM D412	1305 (9)
Elongation, ultimate min, %	ASTM D412	350
Tear Resistance, min, lbf/in (kN/m)	ASTM D624 (Die C)	175 (30.6)
Ozone Resistance Condition after exposure to 100 pphm ozone in air for 168 h @ 104°F (40°C) (specimen under 50% strain)	ASTM D1149	No Cracks
Brittleness Temperature, max, °F (°C)	ASTM D746	-75 (-59)
Resistance to Water Absorption* Change in mass, max after 7 days immersion @ 158°F (70°C), %	ASTM D471	4.0
Water Vapor Permeance	ASTM E96 (Proc B or BW)	0.10
Resistance to Heat Aging Properties after 7 days @ 240°F	ASTM D573	—
Tensile Strength min, psi (MPa)	ASTM D412	1200 (8.3)
Elongation ultimate min, %	ASTM D412	225
Tear Resistance min, lbf/in (kN/m) Linear	ASTM D624	150 (26.3)
Dimensional Change, max, %	ASTM D	1204±2
Resistance to Outdoor (Ultraviolet) Weathering No Cracking Xenon-Arc, 4000 hrs exposure <sup>1</sup> 176°F 980°C) black panel temp	ASTM G26	No Cracks
Sheet Composition Weight % of polymer that is EPDM, min % Weight % of sheet that is EPDM polymer, min %	ASTM D297	100 30

### 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.