



# Protection Cap 250 FR

## Cap Termination Sheet

### DESCRIPTION

Protection Cap 250FR is a fire resistant polyester reinforced SBS modified bitumen cap sheet for use with CCW-500R waterproofing and roofing systems. It features a tough, 250 g/m<sup>2</sup> nonwoven polyester mat that is saturated and coated with a blend of SBS rubber and high quality asphalt. This combination provides excellent elongation and flexibility with good tensile strength, toughness and puncture resistance. The covering layer of ceramic-coated roofing granules, available either in black or white, provides durability along with superior resistance to damage from foot traffic. In addition, the white granules offer improved heat reflectivity and resistance to temperature stress.

### TYPICAL USES

For use as a finished roof surface in areas where little or no foot traffic is expected such as eyebrows, canopies, and penthouse roofs. Embedded in the upper surface of the CCW-500R System.

### ADVANTAGES

- Provides Excellent Puncture and Tear Resistance
- High elongation and recovery properties
- Material meets or exceeds the criteria for ASTM D6164, Type I, Grade G.

### INSTALLATION

Install into top surface of CCW-500 R system. Embed in hot, liquid CCW-500 making sure that sheet is in full contact with molten material. Overlap selva edge on prior sheet by 2 - 3 inches. Overlap end laps 6 inches. Seal all overlap areas and edges with CCW-500. Sheet shall be installed so that all laps shed water. Avoid laps that oppose the direction of water flow. In areas which may receive maintenance foot traffic, adhere Sure-Seal Walk-Way Pads to the Protection Cap using CCW-500.

### PACKAGING

Roll Size: 1 Sq (9.29 m<sup>2</sup>): length 32' 10" (10m), width 39 3/8" (1 m); Roll weight 101 lbs. (45.8 kg)

### STORAGE

Protect materials from excessive heat or cold. Store away from open flames, spraks or welding. For outside storage, protect cartons or rolls from rain, direct sunlight or other harmful environmental conditions. Consult with Carlisle representative for extreme high or low temperature application.

### TECHNICAL DATA

PROPERTY	RESULT
Thickness (min)	0.160 in (4.0 mm)
Tensile Strength @ 0°F (-18°C Machine Direction Cross Direction	150 lbs/in width (26.3 kN/m) 115 lbs/in width (20.1 kN/m)
Elongation @ 0°F (-18°C Machine Direction Cross Direction	45% 45%
Tensile-Tear Machine Direction Cross Direction	170 lbs/in width (29.8 kN/m) 120 lbs/in width (21.0 kN/m)
Low Temp Flexibility	-10°F (-23°C)
Dimensional Stability Machine Direction Cross Direction	0.70% change 0.30% change

### WARNINGS AND HAZARDS

Store away from open flame, sparks, and welding. Protect from rain, dust and harmful environmental conditions.

### LIMITED WARRANTY

Carlisle Coatings and 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 material or refund the 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.

