

# SA Cap

## Self-Adhesive Cap Sheet

**Physical Properties:** Complies with CGSB 37-GP-56M Type 1 Class A Grade 1

<u>Properties</u>	<u>Mean Test Results</u>	<u>Properties</u>	<u>Mean Test Results</u>
-Breaking Strength	md 540 N (121 lbf) xd 340N(76 lbf)	-Dynamic Impact (Puncturing)	Passed
-Ultimate Elongation	md 60% xd 70%	-Static Puncturing	Passed
-Load Strain	md 32,400 xd 20,400	-Lap Joint Strength After 5 days at 23°C After 5 days at 50°C (H <sub>2</sub> O)	340N(76 lbf) 300N(67 lbf)
-Water Resistance Water Absorption Dimensional Change	0.80g md 0.18 % xd 0.18 %	-Granule Embedment	0.13g
-Low Temperature Flexibility at -30°C (-22°F)	No sign of cracking Pass water tightness		
-Water Vapour Transmission	0.02 g/m <sup>2</sup> .24 hr		

### Packaging

-Thickness	3.2mm ( 126 mils)	-Top Surface	Ceramic Granules
-Roll Length	10 m (32.9 ft.)	-Bottom Surface	Split Back Release Film
-Roll Width	1 m ( 39 3/8")		
-Gross Coverage	10 m <sup>2</sup> (107.6 ft <sup>2</sup> )	-Standard Colours	Cool Grey, Weathered Wood.
-Net Coverage	9.1 m <sup>2</sup> (98 ft <sup>2</sup> )		

### Uses

modifiedPLUS® SA Cap Sheet is used as the top ply in the modifiedPLUS® SA Roof System.

### Features

- Designed for application in new construction, re-roofing and retrofit roofing
- Factory applied surface granules to enhance ultra-violet resistance and surface durability
- SBS polymer provides flow resistance at high temperatures and flexibility at low temperatures for lasting durability
- Excellent tear resistance
- Safe application - no hot material or open flame
- Low odour system
- Split back release film for easy lay application

### Limitations

Non-resistant to oils and solvents. Refer to manufacturer for specific chemical resistance. Do not install when the ambient temperature is below 5°C (40°F), or if conditions result in unsatisfactory adhesion. Weather, application issues and surface conditions can affect adhesion and are beyond the control of **Henry Canada**. Use of hot air welder may be required to achieve proper adhesion. It is the responsibility of the roofing contractor to ensure adhesion of this product during application. **Henry Canada**, therefore, limit our liability to replacement of defective material only.

## **Storage**

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Store rolls on end, on original pallets or elevated platform. Protect from weather or store in an enclosed area not subject to heat over 49°C (120°F).

## **Preparation**

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**modifiedPLUS® SA Cap** is specifically designed as a cap sheet over **BlueBase™** sheet. The surface of the **BlueBase™** sheet must be clean and dry prior to **SA Cap** application. Best practice is to cover **BlueBase™** as soon as practical after application. If left exposed, **BlueBase™** may require application of **Aquatac™** or **Blueskin® Primer** prior to installation of **SA Cap**. Refer to **modifiedPLUS® SA Guide Specification** and **modifiedPLUS® General Specifications** for details on acceptable decks and insulation substrates.

## **Application**

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**modifiedPLUS® SA Cap** must be self adhered to **BlueBase™** sheet.

Roll out **modifiedPLUS® SA Cap** and allow to relax until flat prior to application.

**Field Application:** Begin application of **modifiedPLUS® SA Cap** at the lowest edge or drain. Proceed up the slope from the lowest point. Position and unroll **modifiedPLUS® SA Cap** to achieve correct overlap and alignment. Remove release film from upper portion and set in place. 150mm (6") end laps are bonded using **POLYBITUME® 570-05** applied to the granule portion of the underlying sheet. The surface of the **BlueBase™** is specifically designed to directly receive the **modifiedPLUS® SA Cap**. Apply pressure throughout field of roof using weighted roller to ensure full contact and adhesion.

**Membrane Flashing Application:** Apply **POLYBITUME® 570-05** to the granule portion of the field cap sheet by trowel to level out and seal the surface. Cut pieces to fit detail. Position and remove release film in small increments applying pressure to provide good contact and to conform to the substrate. Promptly roll the entire membrane surface. Promptly nail or staple membrane on the inside and outside face of parapets.

It is the responsibility of the roofing contractor to ensure and verify proper adhesion during installation. Use a hot air welder to enhance adhesion as necessary, especially at flashing applications

**Slopes 1:12 (1" in 12") or Greater:** In addition to the above, on slopes of 1:12 (1" in 12") or greater, apply membrane parallel to direction of slope. If slope exceeds 3:12 blind nail or mechanically fasten membrane at end or head lap on 150 mm (6") centres.

## **Warranty**

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**Henry Canada**, warrants to the owner, that the **modifiedPLUS®** modified bitumen membrane, when installed by an approved contractor subject to the conditions and limitations contained within the warranty, will remain watertight for a period as outlined. All leaks or roof problems, on warranted roofs, must be reported to the manufacturer in writing within a period of 30 days. <>