



# BlueBase™ Self-Adhesive Base Sheet

**Physical Properties:** Complies with CGSB 37 – GP-56M Type 2 Class C Grade 1

<u>Properties</u>	<u>Mean Test Results</u>	<u>Properties</u>	<u>Mean Test Results</u>
-Breaking Strength.....	md 472N (106 lbf) xd 369N (83 lbf)	-Water Vapour.....	0.16 g/m <sup>2</sup> .24 hr
-Ultimate Elongation.....	md 21% xd 30%	Transmission	
-Load Strain.....	md 9912 xd 11070	-Lap Joint Strength	
-Water Resistance	0.19g	After 5 days at 23°C.....	623N (141 lbf)
Water Absorption.....	md 0.05%	After 5 days at 50°C.....	507N (114 lbf)
Dimensional Change.....	xd 0.03%	(H <sub>2</sub> O)	
-Low Temperature.....	No sign of cracking	-Application temperature	5°C (40°F) minimum
Flexibility	Pass water tightness		
at Minus 30°C ( -22°F)			

## Packaging

-Thickness.....	1.3 mm (53 mils)	-Top Surface.....	Blue HDPE
-Roll Length.....	20 m (65' 7.5")	-Bottom Surface.....	Split Back Release Film
-Roll Width.....	1 m (39 3/8")		
-Gross Coverage.....	20 m <sup>2</sup> (215.2 ft <sup>2</sup> )		
-Net Coverage.....	18.2m <sup>2</sup> (196 ft <sup>2</sup> )		

## Uses

modifiedPLUS® BlueBase™ is designed specifically for use as base or first ply in the modifiedPLUS® SA Roof System.

## Features

- SBS polymer provides flow resistance
- Stable flat laying glass fibre reinforcement
- Self-adhering
- Designed as base for totally self-adhesive system application
- Split back for easy lay application

## Limitations

Non-resistant to oils and solvents. Refer to manufacturer for specific chemical resistance. Not designed for permanent exposure. Best practice is to cover with modifiedPLUS® SA Cap as soon as possible after application to prevent U.V damage and to provide best possible SA Cap adhesion.

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 Bakor's control. 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. Bakor, 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).

## Surface Preparation

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**Insulated and recover systems:** Remove surface release film and install **Re-Cover Board p/s** over all roofing insulation using mechanical fasteners or in cold adhesive in accordance with **Re-Cover Board** data sheet and *modified*PLUS® SA guide specification.

When using **Re-Cover Board s/s** install as above, prime the surface using **Blueskin® Primer** or **Aquatac™** at the rate of approximately 6 m<sup>2</sup>/L (250 ft<sup>2</sup>/ US gal).

**Plywood Decks:** Install **Aquatac™ Primer** by spray, brush or roller at a rate of 7.4 m<sup>2</sup>/L (300 ft<sup>2</sup>/US gal). Allow to dry to a firm film prior to applying *modified*PLUS® BlueBase™. Approximate dry time in fair weather conditions is 30 minutes.

## Application

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### Field Application:

Cut lengths to fit application and stretch rolls out to relax until flat. Position sheet to achieve correct overlap and alignment. Fold back to expose release film. Remove release film from upper portion and set in place. Remove release film from lower portion and zip strip from previously applied sheet and set in place. End laps are bonded directly to the top blue surface of the **BlueBase™** - no special treatment is required. Provide minimum 75 mm (3") overlap on sides and ends. Apply firm pressure to entire surface to ensure full contact and adhesion.

### Membrane Flashing Application:

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

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