

BITEC® Compabase FA-2T is a premium quality APP modified bitumen base ply manufactured using a time-proven, proprietary blend of select asphalts and polypropylene resins with minimal use of fillers and additives. FA-2T is designed for torch application over a variety of approved substrates in commercial roof membrane configurations.

FEATURES & BENEFITS

BITEC Compabase FA-2T also provides the following features and benefits:

- Meets or exceeds the criteria of ASTM D6509 (Type I, Grade S) Standard Specification for Atactic Polypropylene (APP) Modified Bituminous Base Sheet Materials Using Glass Fiber Reinforcements
- A durable bitumen blend with excellent waterproofing capabilities
- Manufactured using a patented wet talc slurry application to prevent blocking of rolls and to provide a smooth, even surface
- The pattern-embossed burn-off film serves as a visual indicator for proper exposure of the heated membrane bitumen
- Reinforced with a notably strong fiberglass mat for superior dimensional stability and tensile strength

PACKAGING

Roll package: Two labeled plastic bands

Rolls per pallet: 24

Pallets per truckload (typical): 18

APPROVALS

UL Classified Type G2 Coated Base / Ply Sheet For Roofing Systems as to External Fire Exposure 78P3

NEMO Certified D6461638J

STANDARD SPECIFICATION(S):

ASTM D6509, TYPE I, GRADE S

FM Approved

APPLICATION



Compabase FA-2T is torch applied. Please refer to the BITEC Roofing Products Installer's Guide for detailed application guidelines. In all cases, follow CERTA (Certified Roofing Torch

Applicator) safety guidelines, keep a properly maintained fire extinguisher within reach, and designate an employee to perform a fire watch for a minimum of 2 hours after torch application has ended.

As with any roofing project, good roofing practices should always be followed.

STORAGE & HANDLING

Store the Compabase FA-2T rolls in their original containers with labels unbroken in a clean, dry, protected location and within the temperature range required to provide for proper application. Keep rolls stored upright on their original pallet. Never lay rolls down or stack materials on top of the rolls. Avoid dropped rolls on the edges to avoid potential deformation that can affect their ability to roll out evenly. Handle and place roofing materials and equipment in a manner to avoid permanent deflection of the deck.

PRECAUTIONS

BITEC APP membranes are not recommended for use over coal tar or pitch roofs unless the existing deck is separated by a minimum 1/2" thick, mechanically attached recover board. BITEC does not allow the use of plastic roofer's cement with any of its membranes.

Safety first! The roofing contractor and employees are the key to success regarding safety. Safety should always be first! Read all label information, SDS, and precautions before using. For safety information on our products, please visit www.bitec.com.

Technical Schedule		
3rd Party Independent: (NEMO ETC SGS SA Element Materials Technology)		
Design Standard	Type I, Grade S	
Reinforcement	Fiberglass	
Polymer / Modifier	APP	
Coverage (nominal)	150 ft ² (13.9 m ²)	
Coverage	144 ft ² (13.4 m ²) installed	161 ft ² (15.0 m ²) / roll
Roll Dimensions	49.2' (15.0 m) length	3.28' (1.0 m) width
Weight	46 lbs / 100 ft ² (20.9 kg / 9.3 m ²)	69 lbs (31.3 kg) / roll
Membrane Surfacing	Top: Polyethylene film	Bottom: Polyethylene film
Selvage Width	4" (10.16 cm)	
Selvage Surfacing	Bitumen / smooth	
Thickness	2.0 mm (nominal)	83 mils (average)
Average Results Reported Below:		Test Direction
		MD
Tear Strength	121 lbf (538.2 N)	86 lbf (382.5 N)
Peak Load @ 0°F (-17.8°C)	165 lbf (734.0 N)	84 lbf (373.7 N)
Peak Load @ 73°F (22.8°C)	102 lbf (453.7 N)	53 lbf (235.8 N)
Elongation at Peak Load @ 0°F (-17.8°C)	4%	4%
Elongation at Peak Load @ 73°F (22.8°C)	3%	4%
Low Temperature Flexibility @ -13°F (-25°C)	Pass	Pass
Aged (2,000 hours) Peak Load @ 0°F (-17.8°C)	134 lbf (596.1 N)	63 lbf (280.2 N)
Aged (2,000 hours) Peak Load @ 73°F (22.8°C)	112 lbf (498.2 N)	90 lbf (400.3 N)
Aged (2,000 hours) Elongation at Peak Load @ 0°F (-17.8°C)	4%	4%
Aged (2,000 hours) Elongation at Peak Load @ 73°F (22.8°C)	3%	4%
Aged (2,000 hours) Low Temperature Flexibility @ 0°F (-17.8°C)	Pass	Pass
Dimensional Stability	0%	0%
Compound Stability	230°F (110°C)	

ASTM D6509

ASTM D5147

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