



VEXTRON ROOF COATINGS MEMBRANE

By Synergy Building Technologies

DESCRIPTION

The VEXTRON ROOF COATINGS MEMBRANE system is a family of water-based acrylic, fluid applied seamless elastomeric waterproofing membranes having exceptional bulk water resistance while allowing suitable water vapor transmission.

BASIC USES

VEXTRON ROOF COATINGS MEMBRANE BASE & VEXTRON ROOF COATINGS FINISH are used as a brush, roller or spray applied seamless, self-flashing membrane system over virtually any pitched or low-slope roofing substrate to restore, protect and waterproof.

MAJOR ADVANTAGES OF EBM

- Water-based, non-toxic, low odor and non-flammable.
- Ultra-violet resistant with low temperature flexibility.
- No peeling, fading or cracking.
- Elastomeric - expands and contracts with temperature fluctuations.
- Bonds tenaciously to Bitumous Asphaltic and Roll roofing, Urethane and Polystyrene Foam, Concrete, Steel and Wood.
- Safe easy application, water clean-up.

TECHNICAL AND PRODUCT DATA

• Solids by volume	51%	Adhesion to poly urethane foam	Dry 4-8 lb/in. cohesive failure
• Viscosity		Permeability	5 perms
-Initial	89 Krebs	Film swelling	10-17%
-4 weeks	92 Krebs		
• Dry time to:		Dirt pick up 1 year	excellent
-touch	2 to 3 hours	Ultra-violet resistant	excellent
-re-coat	4 to 8 hours	Thermal shock	excellent
-full cure	24 hours per coat	Number of Components	one
• Tensile strength	170 psi (1.2 MPa)		
• Elongation at:		Flash point	none
-maximum stress	225%	Reducer/Cleaner	water
-break	330%		
• Recover after:		Shelf life	1 year unopened
-25% elongation	60%	Weight per Litre	1.45 kg/L (12.1 lbs/gal)
• Flexibility at:		Minimum application temp.	40°F (5°C)
-15°F (-26°F)	pass 180 1/8"		
-300 hours weatherometer	pass 180 1/8"	Coverage at 10 mil DFT	
-1 year exterior	pass 180 1/8"	-1115 Base	50 SF/L (200 SF/gal)
• Crack bridging at:	no cracking	-1120 Finish	50 SF/L (200 SF/gal)
-104°F (40°C)		Packaging	20L pails & 200L drums (5 gal pails & 55 gal drums)
-Minus 15°F (-26°C)			

DO NOT ALLOW TO FREEZE

Synergy Building Technologies
4500 Park Granada Calabasas, CA
91302

TEL (805) 457-9019
FAX 323-800-5393

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info@synergybuildingtech.com
www.synergybuildingtech.com

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APPLICATION INSTRUCTIONS

Stir coating with a low rpm mixer, apply with fine brush, spray or roller on to a clean substrate (hardboard, ceramic, metal or concrete) which is free of contaminants. Dry time is 2-3 hours at room temperature. Correct surface preparation is of the utmost importance. All surfaces must be sound, dry, clean and free of oil, grease or any other contaminants. Obvious damaged areas must be repaired before application of coatings. All damaged flashings must be replaced or repaired. All areas holding moisture within the primary substrate, insulation or existing roofing materials must be removed or opened and allowed to dry. Cants, coves, flashings, parapet caps, termination points and around protrusions are pre-flashed using VEXTRON ROOF COATINGS MEMBRANE to embed the 11FB fabric. Open seams are repaired using the VEXTRON ROOF COATINGS MEMBRANE with 11FB fabric. The VEXTRON ROOF COATINGS system is not designed for use in areas where ponding can occur.

90# ROLL ROOFING

Deteriorated composite roofing must be replaced with new 90# base sheet material. Lifted, split or curled overlap seams must be refastened with roofing mastic and renailed. Coatings: VEXTRON ROOF COATINGS MEMBRANE BASE at 50 sq. ft./litre (200 SF/gal) and VEXTRON ROOF COATINGS FINISH at 50sq. ft./litre (200 SF/gal).

METAL ROOFS

Rusted areas must be wire brushed and primed with SYNERGY BUILDING TECHNOLOGIES® 510A ALUMINIZED PRIMER. Pinholes and damaged areas are repaired using VEXTRON ROOF COATINGS MEMBRANE BASE and Fabric. Re-secure all sheets, new anchors to be installed with VEXTRON ROOF COATINGS MEMBRANE BASE and all existing anchors to be tightened and sealed with VEXTRON ROOF COATINGS MEMBRANE BASE. Coatings: VEXTRON ROOF COATINGS MEMBRANE BASE at 50 SF/L (200 SF/gal) / VEXTRON ROOF COATINGS FINISH at 50 SF/L (200 SF/gal).

FLASHINGS

Embed 11FB fabric into VEXTRON ROOF COATINGS MEMBRANE BASE

SPECIAL HANDLING

Do not apply the VEXTRON ROOF COATINGS in temperatures below 4°C (40°F) or if the temperature will drop below 0°C (32°F) in the next 12 hours or if rain is imminent or if dew will settle before coatings dry.

SAFETY

Please refer to SDS at www.synergybuildingtechnologies.com. If swallowed, see a physician immediately. Keep out of reach of children.

WARRANTY DISCLAIMER

The information herein is to assist customers in determining whether our products are suitable for their application. Our products are intended for sale to industrial and commercial customers. We request that customers inspect and test our products before use and satisfy themselves as to the contents and suitability. We warrant that our products will meet our written specifications. Nothing herein shall constitute a warranty expressed or implied, including any warranty of merchantability or fitness, nor is protection from any loss or patent to be inferred. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for special, incidental or consequential damages.

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