



BITEC
BITUMEN TECHNOLOGY™

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TECHNICAL MEMO
January 5, 2001

TO: ALL BITEC REGIONAL MANAGERS
ALL BITEC SALESMEN
ALL BITEC AGENTS

FROM: Myles Adams

RE: Technical Bulletin #1012-1
Coatings & Adhesives Approval Update

Enclosed is the revised list of tested and approved coatings and adhesives. This information replaces Technical Bulletins 1003, 1004, 1006, 1007 and now 1012.

Please pay attention to the text of General Information and the footnotes. This information may change from time to time as some products disappear from the market and as we may have occasion to test or otherwise approve additional coatings or adhesives. Also, remember that BITEC discontinued the sale of BITEC MAC200 & MAC300 coatings in January of 1998.

Cold adhesives MAY NOT be used for multiply applications using BITEC membranes. Only a cap sheet may be applied over a previously installed fiberglass base sheet.

Manufacturer's installation requirements and specifications must be strictly adhered to when using these products. If these requirements are not followed, the following may result:

- 1) Membrane blistering and modified compound destruction.
- 2) Seam failure.
- 3) Fishmouthing and wrinkles of membrane.
- 4) Detachment of membrane under high wind conditions.

Positive drainage ($1/4:12$ minimum) is required and becomes a critical issue with cold process systems. Ponding water will accelerate destruction of the modified roofing membrane and result in product failure during adhesive cure time.

Maximum warranty period for cold applied systems is ten (10) years.

Best regards,
BITEC, INC.

E. Myles Adams
Technical Representative

Enclosure

MANUFACTURERS OF ADVANCED TECHNOLOGY WATERPROOFING MEMBRANES



Visit our web site at www.bi-tec.com

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Jan. 5, 2001 **Technical Bulletin** No. 1012-1

Coatings and Adhesives Approval Update: 1/01

The following is a revised list of tested and approved coatings and adhesives. This information replaces Tech Bulletins 1003, 1004, 1006, 1007 and now 1012.

Cold adhesives MAY NOT be used for multi-ply applications. Only the cap sheet may be cold applied over a previously installed fiber-glass base sheet.

Manufacturer's installation requirements and specifications must be strictly adhered to when using these products. If these requirements are not followed, the following may result:

- 1) Membrane blistering and modified compound destruction.
- 2) Seam failure.
- 3) Fishmouthing and wrinkles of membrane.
- 4) Detachment of membrane under high wind conditions.

Positive drainage is required when using cold process systems. Ponding water will accelerate destruction of the modified roofing membrane and result in product failure during adhesive cure time.

Maximum warranty period for cold applied systems is ten (10) years.

At this date we still do not know of any cold adhesive compatible with BITEC APP products.

As a reminder, "plastic cement" products are not totally compatible with modified bitumen, have a limited life span, and ARE NOT acceptable for use with BITEC products.

Coatings other than BITEC's MAC 200 and MAC 300 are not covered by BITEC warranties.

Refer to UL individual listings for the UL approved coatings.

Product;	Use with:	APP	SBS	Product;	Use with:	APP	SBS
ABC #401 Alum. Coating		◆	◆	Monsey 5171		◆	◆
ABC #403 Fibrated Alum. Coating		◆	◆	Monsey 5177		◆	◆
ACM - No Fiber		◆	◆	Monsey Pro Grade		◆	◆
ACM - Fibrated		◆	◆	Monsey Aluma Guard		◆	◆
Alumination 7122-136		◆	◆	Perma Seal Aluminum Coating		◆	◆
APOC 212 Fibr. Alum. Coating		◆	◆	Roof Kote		◆	na
Cerami Coat		◆	◆	Stabond X47105		◆	◆
Flexx Aluminum Coating		◆	◆	TAPCO #110 *		◆	◆
GAF Fibered Alum. Roof Coating		◆	◆	TAPCO #120 *		◆	◆
Gardner Asbestos Free		◆	p	TAPCO Sun Brite		◆	na
Gardner Pro Grade		◆	◆	TAPCO Alumna Brite		◆	na
GATEPRO Fibered Aluminum		◆	◆	TCC		◆	◆
Gibson-Homans 5188		◆	◆	Uniflex Alum. #100		◆	◆
Gibson-Homans 5350-777		◆	na	Uniflex Alum. #500		◆	◆
Groco-Gro Mast-White		◆	◆	Uniflex Alum. #20-480-300		◆	◆
Grundy al MB		◆	◆	Unocal White Acrylic		◆	◆
Grundy Fibrated Alum. (2#)		◆	◆	Wilflex-White Acrylic		◆	◆
Grundy Pro Grade		◆	◆	Wilflex-White Aluminum		◆	◆
Grundy 20F Emulsion		◆	◆				
Gulf States-Gulf Seal #410 (Alum)		◆	◆	ADHESIVE PRODUCTS			
Gulf States-Gulf Seal #411 (Alum)		◆	◆	BITEC PMA 186 Adhesive		na	◆
Henry #120		◆	◆	BITEC PMA 2000 Flash. Cement		na	◆
Henry #220		◆	◆	GATEPRO SBS Adhesive		na	◆
Henry #229 - Water Base		◆	◆	GATEPRO Flashing Mastic		na	◆
Henry #280 - White Acrylic		◆	◆	KARNAK #81 Mod. Bit. (all grades)		na	◆
Henry #520		◆	◆	Monsey MBA Gold Adhesive		na	◆
Karnak #97		◆	◆	Monsey MBA Flashing Cement		na	◆
Karnak Alumin-R (Elastom. Alum.)		◆	◆	TAPCO #216 Adhesive		na	◆
Lion AL-Kote		◆	◆	TAPCO #2100 Flashing Cement		na	◆
Lion AL-Kote #103		◆	◆				
Lucas #348		◆	◆				

◆ = approved na = not approved for use with product at this time p= pending
 * See TAPCO listing in UL Roofing Materials and Systems directory.