

TECHNICAL BULLETIN — Roofing Systems

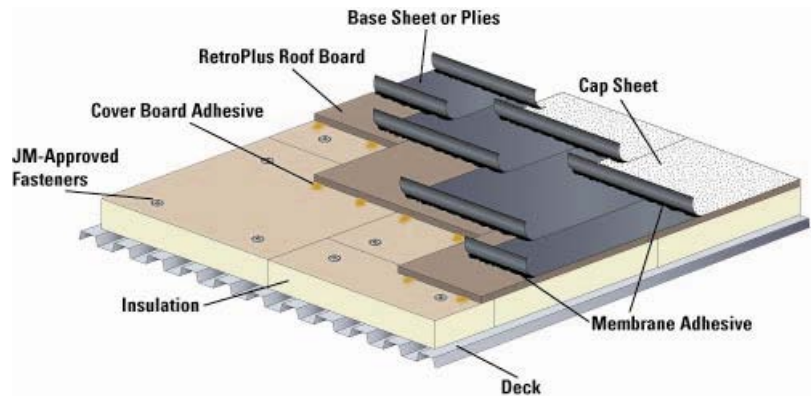
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Johns Manville Fesco® “Pulls a 180”

Earlier this year, Johns Manville released its new highly durable [RetroPlus™ Roof Board](#). We are now pleased to announce the board has earned FM Global® approvals in cold-applied bituminous SBS and APP systems with wind uplift values up to FM 180.

Detailed on the next page, is a list of product combinations for which RetroPlus is now approved. While it will take a few months to secure FM RoofNavSM numbers and additional deck types, JM is now offering JM Peak Advantage® Guarantees on these systems.

RetroPlus still has equivalent code positions to ½" Retro-Fit™ Board and also exhibits higher compression strength (hail protection) and laminar tensile strength (wind uplift) than wood fiber board.



Cold-Applied Wind Uplift Values with RetroPlus		
Insulation Fastener Rate	1.5" Thick Polyiso	2" (or greater) Polyiso
1 per 5.33 ft ²	FM 75	FM 90
1 per 4.00	FM 90	FM 90
1 per 1.78	FM 120	FM 120
1 per 1.45	--	FM 180
1 per 1.33	FM 135	FM 180
1 per 1.00	FM 180	FM 180

Johns Manville is committed to improving its signature line of sustainable Fesco cover board products. Stay tuned for further improvements including RetroPlus for single ply systems. Contact your local JM sales representative or customer service advocate to learn more about RetroPlus and other cover board innovations.

Jonas Houchin
 Codes Manager

Michael J. Cusick
 Product Manager

SBS and APP Cold-Applied Roofing System Products with RetroPlus Cover Board

	INSULATION		COVER BOARDS		MEMBRANES		
Decks	INSULATION	INSULATION FASTENERS & PLATES (For steel or concrete decks)	COVER BOARD	COVER BOARD ADHESIVE	BASE PLY or PLIES	CAP PLIES	MEMBRANE ADHESIVES
Steel	ENRGY 3 ENRGY 3 25 PSI AGF ENRGY 3 AGF ENRGY 3 Foil Faced ENRGY 3 Plus InvinsaFoam Tapered ENRGY 3 Tapered ENRGY 3 25 PSI AGF Tapered ENRGY 3 AGF Tapered ValuTherm 25 PSI AGF Tapered ValuTherm AGF Tapered ValuTherm PSI 25 ValuTherm ValuTherm 25 PSI AGF ValuTherm AGF ValuTherm PSI 25	UltraFast JM Purlin CD-10 All Purpose	RetroPlus	Urethane Insulation Adhesive (12" o.c. ribbons) JM Two-Part Urethane Insulation Adhesive (12" o.c. ribbons) MBR Bonding Adhesive (full application) Hot Asphalt (full application)	DynaBase DynaBase XT DynaBase PR DynaLastic 180 S DynaLastic 250 S DynaPly GlasBase Plus Bicolor S Tricolor S	DynaClad DynaGlas DynaGlas 30 FR DynaGlas FR DynaGlas FR CR DynaKap FR DynaKap FR CR DynaLastic 180 DynaLastic 180 FR DynaLastic 180 FR CR DynaLastic 180 S DynaLastic 250 DynaLastic 250 FR DynaLastic 250 FR CR DynaLastic 250 S DynaMax Bicolor M FR Bicolor S Tricolor M FR Tricolor M FR CR DynaMax FR Tricolor S	MBR Cold Application Adhesive Premium Cold Application Adhesive* MBR Bonding Adhesive

NOTES

- * System constructions are for either 2- or 3-ply systems
- * Premium Cold Application Adhesive is a new JM cold-applied adhesive to be launched in June 2011.
- * For systems over 1-90 wind uplift, MBR Cold Application Adhesive must be applied by spray rig