

TECHNICAL BULLETIN

TARGET MARKET ROOFING



BUILDING TRUST



Subject: HD Cover Board Adhered System Approvals

18-01

A test program at FM has been concluded which resulted in new HD Cover Board Approvals in adhered systems.

Components*

Membranes:	Sarnafil G410, S327, G410 Feltback, S327 Feltback
Membrane Adhesives:	Sarnacol 2170, 2170VC, 2121, AD or OM Feltback Membrane Adhesive (Feltback Membrane only)
HD Cover Boards:	Sarnatherm M Roof Board, Sarnatherm Roof Board H, Sarnatherm Composite Roofboard H (not for Recover), Sarnatherm Roof Board A-III, Invinsa Roof Board, H-Shield HD, ACFoam-III HD Roofboard, H-Shield HD Composite CG (not for Recover).
Insulations:	Min. 1.5 in. thick, flat or tapered Sarnatherm, Sarnatherm a, M, and r, Sarnatherm CG, Sarnatherm a CG Plus, Sarnatherm M 25 psi, H-Shield CG, Sarnatherm a CG, Sarnatherm r Ultra, ENRGY 3, ENRGY 3 25 PSI, Multi-Max FA-3, Ultra-Max.
Plates & Fasteners:	Sarnaplate, Sarnafastener #12 (steel deck only), Sarnafastener #14, Sarnafastener-XP
Insulation Adhesives:	Sarnacol 2163, AD or OM Board Adhesive, Millennium One Step Foamable Adhesive, Millennium PG-1 Pump Grade Adhesive, or OlyBond 500.
Vapor Retarders:	Vapor Retarder PE 10, Vapor Retarder SA 31 (thermal barrier on steel deck required), Vapor Retarder SA 106 (concrete deck only), Vapor Retarder TA 138 (concrete deck only).
Thermal Barrier:	DensDeck, DensDeck Prime, Securock Gypsum-Fiber Roof Board, Securock Glass-Mat Roof Board
Decks:	Steel, Concrete, Recover.

* Not all components are included in all assemblies. Reference RoofNav for exact component inclusion.



Deck	Thermal Barrier	Vapor Retarder	Insulation securement	HD Board Securement	Wind Uplift Rating	Max. Slope for Class A Fire	RoofNav #s	Notes
Steel	Optional – See Notes	Optional – Vapor Retarder	NA	1 per 2 sf	1-75	1/12	410507-0-0 413998-0-0	Thermal barrier required with vapor retarder
Recover Steel	NA	NA	Optional – ½” thick insulation	1 per 2 sf	1-75	1/12	416659-0-0 416660-0-0	
Steel	Optional – See Notes	Optional – Vapor Retarder	1 per 2.9 sf	Insulation Adhesive 12” oc	1-60	1/12	416662-0-0 416663-0-0 416666-0-0 416668-0-0	Thermal barrier required with vapor retarder
Concrete	NA	Optional – Vapor Retarder	1 per 2.9 sf	Insulation Adhesive 12” oc	1-60	1/12	416664-0-0 416669-0-0 416703-0-0 416720-0-0	
Recover Concrete	NA	NA	1 per 2.9 sf	Insulation Adhesive 12” oc	1-60	1/12	416665-0-0 416670-0-0 416714-0-0 416724-0-0	
Steel	Thermal Barrier fastened 1 per 2.67 sf	Vapor Retarder	Insulation Adhesive 12” oc	Insulation Adhesive 12” oc	1-120	1/12	416671-0-0 416672-0-0 416673-0-0 416675-0-0	
Recover Steel	Thermal Barrier fastened 1 per 2.67 sf	Vapor Retarder	Insulation Adhesive 12” oc	Insulation Adhesive 12” oc	1-120	1/12	416680-0-0 416684-0-0	
Concrete	NA	Vapor Retarder	Insulation Adhesive 12” oc	Insulation Adhesive 12” oc	1-330	1/12	416686-0-0, 416698-0-0, 416699-0-0, 416730-0-0, Through 416738-0-0	