



MULE-HIDE PRODUCTS CO., INC.
Partial listing of Factory Mutual Approvals
EPDM Fully Adhered - Steel Roof Deck - Insulation Mechanically Attached

EPDM Systems

Revised Feb 2009

FM Rating	Insulation Type and Thickness	Cover board Type and Thickness	Adhesive	Membrane	Fasteners		Max Slope	Factory Mutual Listing Number	Steel Deck
					Size	# per 4' x 8'			
1-90	ISO - 1.5" to 4.6"	D.D.Prime-.25" to .625"	Solvent Based	White-on-Black	DP#12	12	0.5"	84748-0-0	Grade C
1-90	ISO - 1.5" to 12"	HDWF - 0.5" or 1"	Solvent Based	White-on-Black	DP#12	16	1.5"	4168-0-0	Grade C
1-90	ISO - 1-1/2" to 12"	None	Solvent Based	White-on-Black	DP#12	16	0.5"	78033-0-0	Grade C
1-90	ISO - 2" to 12"	None	Solvent Based	White-on-Black	DP#12	8	0.5"	78055-0-0	Grade C
1-90	ISO - 1.5" to 4.6"	D.D.Prime-.25" to .625"	Solvent Based	Standard Black	DP#12	12	0.5"	83672-0-0	Grade C
1-90	ISO - 1.5" to 12"	HDWF - 0.5" or 1"	Water Based	Standard Black	DP#12	16	1.75"	191870-0-0	Grade C
1-90	ISO - 1.5" to 12"	HDWF - 0.5" or 1"	Solvent Based	Standard Black	DP#12	16	1.5"	9003-0-0	Grade C
1-90	ISO - 1-1/2" to 12"	None	Solvent Based	Standard Black	DP#12	16	0.75"	78031-0-0	Grade C
1-90	ISO - 2" to 12"	None	Solvent Based	Standard Black	DP#12	8	0.75"	78050-0-0	Grade C
1-105	ISO - 1.5" to 12"	OSB - 1/2"	Solvent Based	Standard Black	HD-14	17	1.5"	190766-0-0	Grade C
1-210	ISO NB - 2" to 12"	None	Water Based	Standard Black	HD-14	24	0.75"	189678-0-0	Grade C
1-210	ISO - 1.5" to 12"	OSB - 1/2"	Water Based	Standard Black	HD-14	24	0.75"	189377-0-0	Grade C
1-300	ISO NB - 2" to 12"	None	Water Based	Standard Black	HD-14	32	0.75"	189709-0-0	Grade C
1-300	ISO - 1.5" to 12"	OSB - 1/2"	Water Based	Standard Black	HD-14	32	0.75"	189708-0-0	Grade C
1-90	Atlas AC-IV - Min 2.0"	None	Solvent Based	Standard Black	HD-14	6	0.5"	211480-0-0	Grade C
1-120	Atlas AC-IV - Min 2.0"	None	Solvent Based	Standard Black	HD-14	12	0.5"	213557-0-0	Grade E
1-150	Atlas AC-IV - Min 2.0"	None	Solvent Based	Standard Black	HD-14	16	0.5"	213556-0-0	Grade E
1-240	Atlas AC-IV - Min 2.0"	None	Solvent Based	Standard Black	HD-14	24	0.5"	211269-0-0	Grade E
1-345	Atlas AC-IV - Min 2.0"	None	Solvent Based	Standard Black	HD-14	32	0.5"	211268-0-0	Grade E

Note: This summary listing of Factory Mutual Approvals is intended for reference only. Other approvals are available. Always consult Mule-Hide Products Technical Department or Factory Mutual Global for specific projects and requirements. Insulation attachment shown above is for field attachment only and does not address perimeter and/or corner attachment. Listings apply to only Factory Mutual approved roof decks.

D.D. Prime = Dens Deck Prime, HDFB = High Density Wood Fiberboard, ISO = Polyisocyanurate roof insulation.