## **Insulation Board Quick Reference Guide**

Insulation	Description	Thickness	Direct Membrane Attachment	Notes
Polyisocyanurate Insulation – ASTM C1289, Type II, Class 1, Grade 2 and 3				
VersiCore®	Glass-Reinforced Felt Faced Polyiso (GRF)	$\frac{1}{2^{"}} - 4\frac{1}{2^{"}}$ (available in taper)	FA MF B	Glass Reinforced Felt (GRF) faced polyiso
VersiCore NH		$\frac{1}{2^{"}} - 4\frac{1}{2^{"}}$ (available in taper)	FA MF B	Contains non-halogenated flame retardants – LBC Red List Free
VersiCore RL <sup>™</sup>		2", 2.6"	FA	RapidLock technology on top facer
	Polyisocyanu	rate Insulation – ASTM	C1289, Type II, Cl	ass 2, Grade 2 and 3
SecurShield®	Coated Glass Faced Polyiso (CGF)	$\frac{1}{2}$ " - 4 $\frac{1}{2}$ " (available in taper)	FA MF B	Enhanced moisture resistance
SecurShield NH		$\frac{1}{2^{n}} - 4\frac{1}{2^{n}}$ (available in taper)	FA MF B	Contains non-halogenated flame retardants – LBC Red List Free
SecurShield RL		2", 2.6"	FA	RapidLock technology on top facer
		Expanded Polystyre	ne (EPS) – ASTM C	578
InsulFoam Flat	Expanded Polystyrene (EPS)	1/2" - 40" (available in taper)	MF	Type I (10psi), Type VII (15psi), Type II (20psi), Type IX (25psi), Type XIV (40psi), Type XV (60psi)
Extruded Polystyrene (XPS) – ASTM C578				
Owens Corning FOAMULAR®	Extruded Polystyrene (XPS)	½" − 4" (available in taper)	MF	Available in Type IV (25psi), Type VI (40psi), Type VII (60psi)
Dow DECKMATE <sup>™</sup> Plus		]"− 4" (available in taper)	MF	Available in Type IV (25psi), Type VI (40psi), Type VII (60psi)
Kingspan GreenGuard®		1"— 4" (available in taper)	MF	Available in Type IV (25psi), Type VI (40psi), Type VII (60psi)
Vacuum Insulated Panels (VIP) – ASTM C1484				
Optim-R®	Vacuum Insulated Panel (VIP)	40mm (1.6")	FA	High R-Value solution for height-restricted roofs
Mineral Wool – ASTM C736				
TOPROCK <sup>®</sup> DD	Mineral Wool	2" - 6"	N/A	Available in 4' x 4' only

Key

Membrane Attachment

 $\label{eq:FA} \begin{array}{l} \mbox{FA} = \mbox{Fully Adhered} \\ \mbox{MF} = \mbox{Mechanically Fastened} \end{array}$ 

B = Ballasted

This data and information is intended as a product reference and should not be used as a spec guideline.



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