

Carlisle Insulation Boards

INSULATION	DESCRIPTION	THICKNESS	DIRECT MEMBRANE ATTACHMENT	NOTES
Polyisocyanurate Insulation – ASTM C1289, Type II, Class 1, Grade 2 and 3				
InsulBase®	Glass-Reinforced Felt Faced Polyiso (GRF)	½" – 4½" (available in taper)	FA MF B	Glass Reinforced Felt (GRF) faced polyiso
InsulBase NH		½" – 4½" (available in taper)	FA MF B	Contains non-halogenated flame retardants – LBC Red List Free
InsulBase RL™		2", 2.6"	FA	RapidLock technology on top facer
Polyisocyanurate Insulation – ASTM C1289, Type II, Class 2, Grade 2 and 3				
SecurShield®	Coated Glass Faced Polyiso (CGF)	½" – 4½" (available in taper)	FA MF B	Enhanced moisture resistance
SecurShield NH		½" – 4½" (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 Polystyrene (EPS) – ASTM C578				
InsulFoam Flat	Expanded Polystrene (EPS)	½" – 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™ Plus		1" – 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® DD	Mineral Wool	2" – 6"	N/A	Available in 4' x 4' only

KEY
Membrane Attachment
FA = Fully Adhered
MF = Mechanically Fastened
B = Ballasted

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



800-479-6832 • P.O. Box 7000 • Carlisle, PA 17013 • Fax: 717-245-7053 • www.carlisesyntec.com

Carlisle, InsulBase, InsulBase RL, and SecurShield are trademarks of Carlisle. R-Tech is a trademark of Insulfoam. FOAMULAR is a trademark of Owens Corning. DECKMATE is a trademark of The Dow Chemical Company. GreenGuard and OPTIM-R are Registered Trademarks of the Kingspan Group plc in the US. TOPROCK is a trademark of ROCKWOOL. INS_CST-11268 - "Insulation Quick Reference Guide" © 2020 Carlisle. 03.24.20