

TECHNICAL BULLETIN

FOR TARGET MARKET ROOFING



BUILDING TRUST



Subject: R-50 Factory Mutual Approvals

20-03

Sika Corporation – Roofing has achieved FM Approvals with R-50 Systems, LLC and their high R-value insulation board Rich-E-Board™.

The approved systems utilize Sika’s proven Sarnafil® roofing membrane in conjunction with R-50 Systems’ Rich-E-Board, a 1.5-inch thick, vacuum-sealed insulation with a protective covering on both sides and an R-value (resistance to heat flow) of 50. The slim, lightweight design decreases costs of building modifications and structural retrofits, while creating more usable space for living and/or operations. While conventional insulation can require a thickness of 10 inches or more to reach an R-value of 50, Rich-E-Board achieves the same result at just 1.5 inches thick.

Assembly #	Cover Type	Application Type	Securement Type	Deck Type	Wind Uplift	I/Fire	E/Fire	Slope	Hail
467479-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	5	SH
467480-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	5	SH
467481-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	5	SH
467482-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	5	SH
467483-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	0.5	SH
467484-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	0.5	SH
467485-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	0.5	SH
467486-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	0.5	SH
467487-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	0.25	SH
467488-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	0.25	SH
467489-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	5	SH
467490-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	5	SH
467491-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	5	SH

467492-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	5	SH
467493-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	0.5	SH
467494-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	0.5	SH
467495-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	0.5	SH
467496-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	0.5	SH
467497-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	0.25	SH
467498-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	0.25	SH
467499-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	5	SH
467500-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	5	SH
467501-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	5	SH
467502-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	5	SH
467503-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	0.5	SH
467504-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	0.5	SH
467505-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	0.5	SH
467506-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	0.5	SH
467507-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	0.25	SH
467508-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	0.25	SH
467509-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	5	SH
467510-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	5	SH
467511-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	5	SH
467512-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	5	SH
467513-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	0.5	SH
467514-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	0.5	SH
467515-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	0.5	SH

467516-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	0.5	SH
467517-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	0.25	SH
467518-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	75	NC	A	0.25	SH
467519-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	150	NC	A	5	SH
467520-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	150	NC	A	5	SH
467521-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	150	NC	A	0.5	SH
467522-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	150	NC	A	0.5	SH
467523-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	150	NC	A	0.25	SH
467529-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	150	NC	A	5	SH
467533-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	150	NC	A	0.5	SH
467530-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	195	NC	A	0.25	SH
467531-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	195	NC	A	0.5	SH
467532-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	195	NC	A	0.5	SH
467528-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	240	NC	A	5	SH
467526-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	300	NC	A	5	SH
467527-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	300	NC	A	5	SH
467524-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	435	NC	A	5	SH
467525-0-0	Single-Ply System	New Roof	Adhered	Structural Concrete	435	NC	A	5	SH