

Intellectual Property for ECOSE® in Fiber Glass Products

		U.S. Utility Patents and Patent Publications												U.S. Design Patents					
		US Pat. No. 8,114,210	US Pat. No. 8,940,089	US Pat. No. 8,979,994	US Pat. No. 9,039,827	US Pat. No. 9,040,652	US Pat. No. 9,434,854	US Pat. No. 9,464,207	US Pat. No. 9,469,747 *	US Pat. No. 9,926,464	US Pat. No. 9,828,287	US Pat. No. 10,307,955	US Pat. No. 10,759,695	US Pat. No. 11,401,209	US Pat. No. 10,647,050	US Design Pat. No. 11,401,204	US Design Pat. No. D635,783	US Design Pat. No. D634,670	
KNAUF Insulation Products	Mechanical Insulation	Earthwool® 1000 Pipe Insulation	x	x	x	x	x	x	x	x	x	x	x						
		Duct Wrap (Faced and Unfaced)	x	x	x	x		x	x	x	x	x						x	
		Atmosphere™ Air Duct Board	x	x	x	x		x	x	x	x	x							
		Manufactured Housing Duct Board	x	x	x	x		x	x	x	x	x							
		Elevated Temperature Batt 1000° and HD Blanket 1000°	x	x	x	x		x	x	x	x	x							x
		Elevated Temperature Blanket	x	x	x	x		x	x	x	x	x							x
		Elevated Temperature Board	x	x	x	x		x	x	x	x	x							
		Elevated Temperature Panel	x	x	x	x		x	x	x	x	x							
		Insulation Board (Faced and Unfaced)	x	x	x	x		x	x	x	x	x							
		Pipe and Tank Insulation	x	x	x	x		x	x	x	x	x							
		Rigid Plenum Liner	x	x	x	x		x	x	x	x	x							
		Atmosphere™ Duct Liner	x	x	x	x	x	x	x	x	x	x							
		Equipment Liner M	x	x	x	x	x	x	x	x	x	x							
	Sonic XP® Duct Liner	x	x	x	x	x	x	x	x	x	x								
	Building Insulation	EcoBatt® Glasswool	x	x	x	x		x	x	x	x	x						x	x
		EcoBatt® QuietTherm®	x	x	x	x		x	x	x	x	x						x	x
		EcoRoll™	x	x	x	x		x	x	x	x	x						x	x
		Metal Building Insulation	x	x	x	x		x	x	x	x	x							x
		Metal Building Filler Insulation	x	x	x	x		x	x	x	x	x							x
		Guardian Metal Building Insulation	x	x	x	x		x	x	x	x	x							x
		Guardian Metal Building Filler Insulation	x	x	x	x		x	x	x	x	x							x
		Everbilt (Unfaced and Faced)	x	x	x	x		x	x	x	x	x					x		x
		Guardian by Knauf Insulation (Unfaced and Faced)	x	x	x	x		x	x	x	x	x					x		x
		Manufactured Housing Insulation	x	x	x	x		x	x	x	x	x							x
		Metal Building Insulation (UMBI)	x	x	x	x		x	x	x	x	x							x
		Wall and Ceiling Liner M	x	x	x	x	x	x	x	x	x	x							x
		Condensation Control Blanket	x	x	x	x		x	x	x	x	x							x
		Sill Sealer	x	x	x	x		x	x	x	x	x							x
		Ecobatt® Integrated Roof Deck Insulation	x	x	x	x		x	x	x	x	x							x
		Inner-Safe Batt	x	x	x	x		x	x	x	x	x							x
		Basement Wall Blanket	x	x	x	x		x	x	x	x	x							x
	Black Diffuser Board	x	x	x	x		x	x	x	x	x								
	OEM	Acoustical Board Smooth	x	x	x	x		x	x	x	x	x							
		Black Acoustical Board	x	x	x	x		x	x	x	x	x							
		Equipment Liner M	x	x	x	x	x	x	x	x	x	x							
KF-110		x	x	x	x		x	x	x	x	x							x	
KFR/ET Range Insulation		x	x	x	x		x	x	x	x	x							x	
KN Series		x	x	x	x		x	x	x	x	x							x	
Flexible Duct Media (FDM)		x	x	x	x		x	x	x	x	x							x	
Shipout Uncured (ECOSE)													x				x		
Manson Insulation Products	Mechanical Insulation	Akousti-Liner™	x	x	x	x	x	x	x	x	x								
		Akousti-Liner R™	x	x	x	x		x	x	x	x	x							
		Unfaced Metal Building Insulation	x	x	x	x		x	x	x	x	x							x
		Alley Wrap B™	x	x	x	x		x	x	x	x	x							x
		Akousti-Board Black™	x	x	x	x		x	x	x	x	x							
		Akousti-Shield™	x	x	x	x		x	x	x	x	x							

Color Codes: Issued US Pat. Published US Patent Application Issued US Design Pat.

* For products with Density < 5 lbs/ft3