



## Submittal Form

# Fiber Glass Duct Board Products

CONTRACTOR NAME

JOB NAME

DATE

Please check the appropriate products below:

Ultra\*Duct™ Black Duct Board

ToughGard® Duct Board

## TECHNICAL DATA

Fiber Glass Duct Board Products		
PROPERTIES	PERFORMANCE	TEST METHOD
Operating Limits: Temperature Air Velocity	Maximum: 250°F (121°C) 5,000 fpm (25.4 m/s)	ASTM C411 UL 181
Surface Burning Characteristics (Fire Hazard Classification)	Maximum: Flame Spread Index: 25 Smoke Developed Index: 50	NFPA 255 UL 723 ASTM E84
Water Vapor Sorption	<2% by Weight	ASTM C1104
Corrosiveness	Pass	ASTM C665
Fungi Resistance	Pass; No growth	ASTM C1138, ASTM G21, UL 181
Bacteria Resistance	No growth	ASTM G22
Limited Combustible	Pass (<3,500 Btu/lb)	NFPA 259
Fire Safety Standards	Pass	NFPA 90A, NFPA 90B
Water Repellency*	≥ 4INDA IST 80.6 – 92	

Model Building Code: (ICC)

\* Applicable to ToughGard® Duct Board only.

This Submittal Form is provided to assist you in specifying and selecting the proper CertainTeed Insulation product. Basic product descriptions and performance data are included. For further information or technical assistance contact your local CertainTeed representative.

CertainTeed Corporation, P.O. Box 860, Valley Forge, PA 19482  
1-800-233-8990

Visit our website at: <http://www.certainteed.com/insulation>  
Customer Service 1-800-441-6720 • Fax 1-866-632-4329

Product	Description	Type	Thickness		R-Value		NRC	Applicable Standards
			in.	mm	R	RSI		
Ultra*Duct™ Black Duct Board	A resin-bonded glass fiber board with a reinforced foil laminate air barrier/vapor retarder on the outside surface. Ultra*Duct Black is designed for fabrication into supply and return air duct work for HVAC systems, operating at velocities up to 5,000 fpm (25.4 m/s) and temperatures up to 250°F (121°C).	475	1	25	4.3	0.76	0.75	Complies with UL 181 for Factory Made Air Ducts and Air Connectors, Class 1 Rigid. Thermal performance determined by ASTM C177 or ASTM C518. Acoustical performance determined by ASTM C423 using Type A mounting per ASTM E795.
		800	1	25	4.3	0.76	0.75	
		800	1½	38	6.5	1.15	0.90	
		800	2	51	8.7	1.53	0.95	
ToughGard® Duct Board	A resin-bonded glass fiber board coated with a black mat facing applied to the air stream side. A reinforced foil laminate air barrier/vapor retarder on the outside surface. ToughGard Duct Board is designed for fabrication into supply and return air duct work for HVAC systems, operating at velocities up to 6,000 fpm (30.5 m/s) and temperatures up to 250°F (121°C).	475	1	25	4.3	0.76	0.75	Complies with UL 181 for Factory Made Air Ducts and Air Connectors, Class 1 Rigid. Thermal performance determined by ASTM C177 or ASTM C518. Acoustical performance determined by ASTM C423 using Type A mounting per ASTM E795.
		800	1	25	4.3	0.76	0.75	
		800	1½	38	6.5	1.15	0.90	
		800	2	51	8.7	1.53	0.95	



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