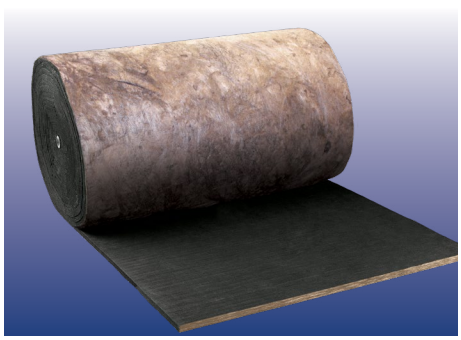
TECHNICAL INSULATION PRODUCTS SUBMITTAL FORM







Submitted to: _____

Job name: _____

Submitted by: _____

Date: _____

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

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CertainTeed
SAINT-GOBAIN

Product	Description	Product Details*	Applicable Standards

☐ **SoftTouch™ Duct Wrap**

A blanket-type insulation composed of glass fibers bonded together with a thermosetting resin. Product is available as unfaced or with FSK or PSK vapor retarder facing. On faced products, a 2″ (51 mm) stapling/taping tab is provided on one edge.

	Type	Nominal Thickness	R	Installed R-Value
☐	75	1″	3.4	2.8
☐	75	1½″	5.2	4.2
☐	75	2″	6.9	5.6
☐	75	2⅛″	7.3	6.0
☐	75	3″	10.3	8.3
☐	75	4″	13.8	11.0
☐	75	4⅜″	15.1	12.0
☐	100	1″	3.8	3.0
☐	100	1½″	5.8	4.5
☐	100	2″	7.7	6.0
☐	150	1″	4.2	3.2
☐	150	1½″	6.3	4.8
	150	2″	8.3	6.4

Complies with:
- ASTM C1290
  Type I – Unfaced
  Type II – PSK Faced
  Type III – FSK Faced and White PSK Faced
- ASTM C553
  Type I – Type 75, 100 and 150
  Type II – Type 100 and 150
  Type III – Type 150
- CAN/CGSB-51.11-92
- ASTM C1136 (Facings)
  Type II – FSK Faced and White PSK Faced
- Thermal performance determined by:
  ASTM C177 and/or ASTM C518
- GREENGUARD Certification Standards:
  Low-emitting products for the indoor environment.
  Meets product emission standard under GREENGUARD Gold.

Notes:

☐ **Wide Wrap Duct Wrap**

A blanket-type insulation available in 5′ widths - manufactured with glass fibers bonded together with a sustainable plant-based binder system. Available as unfaced or with FSK or PSK vapor retarder facing. On faced products, a taping tab is provided on one edge.

	Type	Nominal Thickness	R	Installed R-Value
☐	75	1½″	5.2	4.2
☐	75	2″	6.9	5.6
☐	75	2⅛″	7.3	6.0
☐	75	3″	10.2	8.3

Complies with:
- ASTM C1290
- ASTM C553
  Type I
  Type III
- CAN/CGSB-51.11-92
- ASTM C1136

Notes:

☐ **ToughGard® R Duct Liner**

A fiberglass acoustical liner for HVAC sheet metal duct systems operating at velocities up to 6,000 fpm (30.5 m/s) and temperatures to 250˚F (121˚C). Absorbs unwanted crosstalk, equipment and air rush noise.

	Type	Nominal Thickness	R
☐	150	1″	4.2
☐	150	1½″	6.3
☐	150	2″	8.3
☐	200	½″	2.1

Complies with:
- ASTM C1071
  Type I, roll insulation

Thermal Performance determined by:
- ASTM C177 or ASTM C518

Acoustic Performance determined by:
- ASTM C423 using Type A mounting per ASTM E795

Notes:

***Additional R-Values and thicknesses may be available. Product availability may vary by location. Contact your CertainTeed representative for more information.**

Product Characteristics

Sound Transmission Loss

CertainTeed's fiberglass products can reduce sound transmission when properly installed in construction assemblies and can add from 3 to 12 points to the STC rating depending on the type of assembly. The actual rating is dependent on the workmanship, mass of total material, thickness of insulation and the air tightness of the construction. In assemblies, separation of the wall surfaces plus the addition of insulation in stud cavities are the most effective means of reducing sound transmission. This may be accomplished by installing resilient channels on one side of the partition, or with staggered or double wall constructions. The table on the following page lists some typical sound rated partition assemblies.

Fire Safety

CertainTeed Unfaced Fiberglass Building Insulation products are noncombustible per ASTM E136 test criteria.

Many building codes require that foam plastic insulation be covered with an approved 15-minute thermal barrier. Consult local building code officials to ensure the application meets local building codes and regulations.

Surface Burning Characteristics

These products have the following maximum flame spread and smoke developed ratings when tested per ASTM E84:

Product	Flame Spread	Smoke Developed
SoftTouch™ Duct Wrap	25	50
Wide Wrap Duct Wrap	25	50
ToughGard® R Duct Liner	25	50
Rigid Liner Board with ToughGard® Facing	25	50
Ultra*Duct™ Black Duct Board	25	50
Marine Thermal Blanket	25	50
CrimpWrap™ Crimped Pipe & Tank Wrap	25	50
High Temperature Blanket	25	50
CertaPro™ Commercial Board	25	50
Metal Building Insulation	25	50
Metal Building Insulation Filler Blanket	25	50
Universal Blanket	25	50
OEM Acoustical Board	25	50
CertaPro™ AcoustaBoard™ Black	25	50
CertaPro™ AcoustaBlanket™ Black	25	50

FSK-25 and standard foil-faced insulation products have a critical radiant flux flame propagation resistance equal to or greater than 0.12 w/cm^2.

***Additional R-Values and thicknesses may be available. Product availability may vary by location. Contact your CertainTeed representative for more information.**