

Residential and Commercial Insulation Products

Submittal Form

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.

Submitted to: _____ Job name: _____

Submitted by: _____ Date: _____

Unfaced Building Insulation

Sustainable Insulation® manufactured in widths to permit pressure-fit installation. Used with a separate vapor retarder or where no vapor retarder is required or recommended.

	R	Nominal Thickness
<input type="checkbox"/>	11	3½"
<input type="checkbox"/>	13	3½"
<input type="checkbox"/>	15	3½"
<input type="checkbox"/>	19	6¼"
<input type="checkbox"/>	20	5½"
<input type="checkbox"/>	21	5½"
<input type="checkbox"/>	22	6½"

	R	Nominal Thickness
<input type="checkbox"/>	25	8"
<input type="checkbox"/>	30C**	8¼"
<input type="checkbox"/>	30	10"
<input type="checkbox"/>	38C**	10¼"
<input type="checkbox"/>	38	12"
<input type="checkbox"/>	49	15"

**Cathedral Ceiling Batt

Applicable Standards:

Complies with ASTM C665, Type I. Is noncombustible, meeting test criteria of ASTM E136. Thermal performance determined by ASTM C653 and C518.

Kraft-Faced Building Insulation

Sustainable Insulation® manufactured with a kraft paper facing with a vapor permeance rating of 1.0 or less. Includes stapling flanges.

	R	Nominal Thickness
<input type="checkbox"/>	11	3½"
<input type="checkbox"/>	13	3½"
<input type="checkbox"/>	15	3½"
<input type="checkbox"/>	19	6¼"
<input type="checkbox"/>	20	5½"
<input type="checkbox"/>	21	5½"
<input type="checkbox"/>	22	6½"

	R	Nominal Thickness
<input type="checkbox"/>	25	8"
<input type="checkbox"/>	30C**	8¼"
<input type="checkbox"/>	30	10"
<input type="checkbox"/>	38C**	10¼"
<input type="checkbox"/>	38	12"
<input type="checkbox"/>	49	15"

**Cathedral Ceiling Batt

Applicable Standards:

Complies with ASTM C665, Type II, Class C, Category 1. Thermal performance determined by ASTM C653 and C518.

SpeedyR™ Kraft-Faced Building Insulation

Sustainable Insulation® manufactured with a kraft paper facing with a vapor permeance rating of 1.0 or less. No stapling required.

	R	Nominal Thickness
<input type="checkbox"/>	13	3½"
<input type="checkbox"/>	19	6¼"
<input type="checkbox"/>	21	5½"

Applicable Standards:

Complies with ASTM C665, Type II, Class C, Category 1. Thermal performance determined by ASTM C653 and C518.

EasyTouch™ Encapsulated Insulation

Sustainable Insulation® manufactured with a perforated plastic film for cleaner, easier installation. Unfaced EasyTouch is Class A fire rated.

	R	Nominal Thickness
<input type="checkbox"/>	13	3½"
<input type="checkbox"/>	19	6¼"
<input type="checkbox"/>	21	5½"
<input type="checkbox"/>	25	8"
<input type="checkbox"/>	30	10"

Applicable Standards:

Complies with ASTM C665, Type II, Class A, Category 2 (unfaced). Complies with ASTM C665, Type II, Class C, Category 1 (kraft).

Basement Wall Insulation

Sustainable Insulation® available with perforated white flame-resistant polypropylene or foil facings. Used to insulate walls of unfinished crawlspaces and basements. Flame spread rating is 25 or less. Available in 48" and 72" widths.

	R	Nominal Thickness
<input type="checkbox"/>	11	3¾"
<input type="checkbox"/>	15	4½"
<input type="checkbox"/>	19	6¼"

Applicable Standards:

Complies with ASTM C665, Type II, Class A, Category 2. Thermal performance determined by ASTM C653 and C518.

MemBrain™ Continuous Air Barrier & Smart Vapor Retarder

Vapor retarder sheeting intended for use with unfaced, vapor permeable mass insulation (fiberglass and mineral wool) in wall and ceiling cavities. MemBrain is a polyamide film that changes its permeability with ambient humidity conditions. Material is Class A fire rated.

	Roll Width	Nominal Thickness
<input type="checkbox"/>	8' 4"	2 mil
<input type="checkbox"/>	9' 4"	2 mil
<input type="checkbox"/>	10' 4"	2 mil
<input type="checkbox"/>	12' 4"	2 mil

Applicable Standards:

Complies with ASTM C665, Type II, Class A, Category 1. Water vapor permeance values are determined by ASTM E96. ≤ 1.0 perm (57 ng/Pa•s•m²) (ASTM E96, Standard Desiccant method) > 10 perms (570 ng/Pa•s•m²) (ASTM E96, Standard Water method)

Sound Attenuation Products

Sound Attenuation Batts

Sustainable Insulation® unfaced batts manufactured in widths to permit pressure-fit installation in steel stud systems.

	R	Nominal Thickness
<input type="checkbox"/>	8	2½"
<input type="checkbox"/>	11	3½"

Applicable Standards:

Complies with ASTM C665, Type I. Is noncombustible, meeting test criteria of ASTM E136. Thermal performance determined by ASTM C653 and C518.

Acoustical Ceiling Batts

Sustainable Insulation® 24" x 48" batts either unfaced or with tabless kraft paper facing. For use in suspended ceiling systems.

	R	Nominal Thickness
<input type="checkbox"/>	11	3½"
<input type="checkbox"/>	19	6¼"

Applicable Standards:

Complies with ASTM C665, Type I (unfaced), Type II, Class C, Category 1 (faced). Thermal performance determined by ASTM C653 and C518.

Commercial Products

CertaPro™ AcoustaTherm™ Batts

Sustainable Insulation® manufactured in widths to permit friction-fit installation. Unfaced is used with a separate vapor retarder or where no vapor retarder is required or recommended.

	R	Nominal Thickness
<input type="checkbox"/>	8 (Unfaced)	2½"
<input type="checkbox"/>	11 (Unfaced, kraft-faced no tabs)	3½"
<input type="checkbox"/>	19 (Unfaced, kraft-faced no tabs)	6¼"
<input type="checkbox"/>	30 (Unfaced)	10"

Applicable Standards:

Unfaced complies with ASTM C553, Type I, ASTM C665, Type I and is noncombustible, per ASTM E136. Kraft-faced complies with ASTM C665, Type II, Class C, Category 1. Thermal performance determined by ASTM C518.

CertaPro™ Thermal Kraft-Faced Batts

Sustainable Insulation® manufactured with a flanged kraft paper facing providing a vapor retarder with a perm rating of 1.0 or less.

	R	Nominal Thickness
<input type="checkbox"/>	11	3½"
<input type="checkbox"/>	19	6¼"

Applicable Standards:

Complies with ASTM C553, Type I and ASTM C665, Type II, Class C, Category 1. Thermal performance determined by ASTM C177 or ASTM C518.

Thermal Foil-Faced Batts

Sustainable Insulation® manufactured with a flanged foil/kraft vapor retarder providing a perm rating of 0.05 or less. Has a flame spread rating of 75 or less.

	R	Nominal Thickness		R	Nominal Thickness
<input type="checkbox"/>	11	3½"	<input type="checkbox"/>	30	10"
<input type="checkbox"/>	13	3½"	<input type="checkbox"/>	38	12"
<input type="checkbox"/>	19	6¼"			

Applicable Standards:

Complies with ASTM C553, Type I and ASTM C665, Type III, Class B, Category 1. Thermal performance determined by ASTM C177 and ASTM C518.

Thermal FSK-25-Faced Batts

Sustainable Insulation® manufactured with a flanged flame-resistant foil-scrim-kraft facing. Used where a flame spread rating of 25 or less is required for insulation facings. The facing has a perm rating of 0.02 or less.

	R	Nominal Thickness		R	Nominal Thickness
<input type="checkbox"/>	11	3½"	<input type="checkbox"/>	30	10"
<input type="checkbox"/>	13	3½"	<input type="checkbox"/>	38	12"
<input type="checkbox"/>	19	6¼"			

Applicable Standards:

Complies with ASTM C553, Type I and ASTM C665, Type III, Class A, Category 1. Thermal performance determined by ASTM C177 or ASTM C518.

Thermal Extended-Flange FSK-Faced, White PSK-Faced Batts

Sustainable Insulation® manufactured with a white flame-resistant poly-scrim-kraft facing (PSK) or flame-resistant foil-scrim-kraft facing (FSK). Used where a flame spread rating of 25 or less is required for insulation facings. All facings have a perm rating of 0.02 or less and a 4" extended flange.

	R	Nominal Thickness
<input type="checkbox"/>	19 (WPSK Only)	6¼"
<input type="checkbox"/>	30 (FSK only)	10"

Applicable Standards:

PSK and FSK comply with ASTM C553, Type 1. PSK complies with ASTM C665, Type II, Class A, Category 1. FSK complies with ASTM C665, Type III, Class A, Category 1. Thermal performance determined by ASTM C177 and ASTM C518.

CertaPro™ Commercial Board

Flexible to rigid boards for residential and commercial construction. Manufactured unfaced, with a reinforced white kraft and foil laminate (ASJ) or an aluminum foil, glass scrim kraft laminate (FSK).

Available in four densities:

CB 150: Lightweight, used where flexibility is desired.

CB 225: Semi-rigid board type.

CB 300: Board type with greater rigidity and compressive strength for a smoother, more abuse-resistant surface.

CB 600: A rigid board product.

CB 150			CB 225		
	R-Value	Thickness		R-Value	Thickness
<input type="checkbox"/>	6.0	1½"	<input type="checkbox"/>	4.2	1"
<input type="checkbox"/>	8.0	2"	<input type="checkbox"/>	6.3	1½"
<input type="checkbox"/>	10.0	2½"	<input type="checkbox"/>	8.3	2"
<input type="checkbox"/>	12.0	3"	<input type="checkbox"/>	10.4	2½"
<input type="checkbox"/>	14.0	3½"	<input type="checkbox"/>	12.5	3"
<input type="checkbox"/>	16.0	4"	<input type="checkbox"/>	14.6	3½"
			<input type="checkbox"/>	16.6	4"

CB 300			CB 600		
	R-Value	Thickness		R-Value	Thickness
<input type="checkbox"/>	4.3	1"	<input type="checkbox"/>	4.5	1"
<input type="checkbox"/>	6.5	1½"	<input type="checkbox"/>	6.8	1½"
<input type="checkbox"/>	8.7	2"	<input type="checkbox"/>	9.1	2"
<input type="checkbox"/>	10.9	2½"			
<input type="checkbox"/>	13.0	3"			
<input type="checkbox"/>	15.2	3½"			
<input type="checkbox"/>	17.4	4"			

Applicable Standards:

Product	ASTM C612	ASTM C553
CB 150	Type IA	Types I, II & III
CB 225	Type IA	—
CB 300	Types IA & IB	—
CB 600	Types IA & IB	—

ASTM C1136 (Facing only) Type II: FSK; Type I: ASJ

CertaPro™ AcoustaBoard™ Black

Rigid or semi-rigid fiberglass board with a black mat facing for acoustical applications in sound studios or other acoustically sensitive applications requiring a black exposed surface.

Available in a single density.

Good rigidity and compressive strength for a smoother, more abuse-resistant surface.

Type 300

	R-Value	Thickness
<input type="checkbox"/>	4.3	1"
<input type="checkbox"/>	6.5	1½"
<input type="checkbox"/>	8.7	2"

Applicable Standards:

Complies with ASTM C612, Types 1A and 1B.

CertaPro™ AcoustaBlanket™ Black

½"-to 2"-thick black fiberglass blanket with a durable fire-resistant black composite surface used for acoustical control applications in theaters, sound studios or other acoustically sensitive applications requiring a black exposed surface.

Type 150

	Thickness
<input type="checkbox"/>	1"
<input type="checkbox"/>	1½"
<input type="checkbox"/>	2"

Applicable Standards:

Complies with ASTM C553, Types I and II. Acoustical performance determined by ASTM C423 using Type A mounting. Thermal resistance determined by ASTM C177 or C518.

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



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