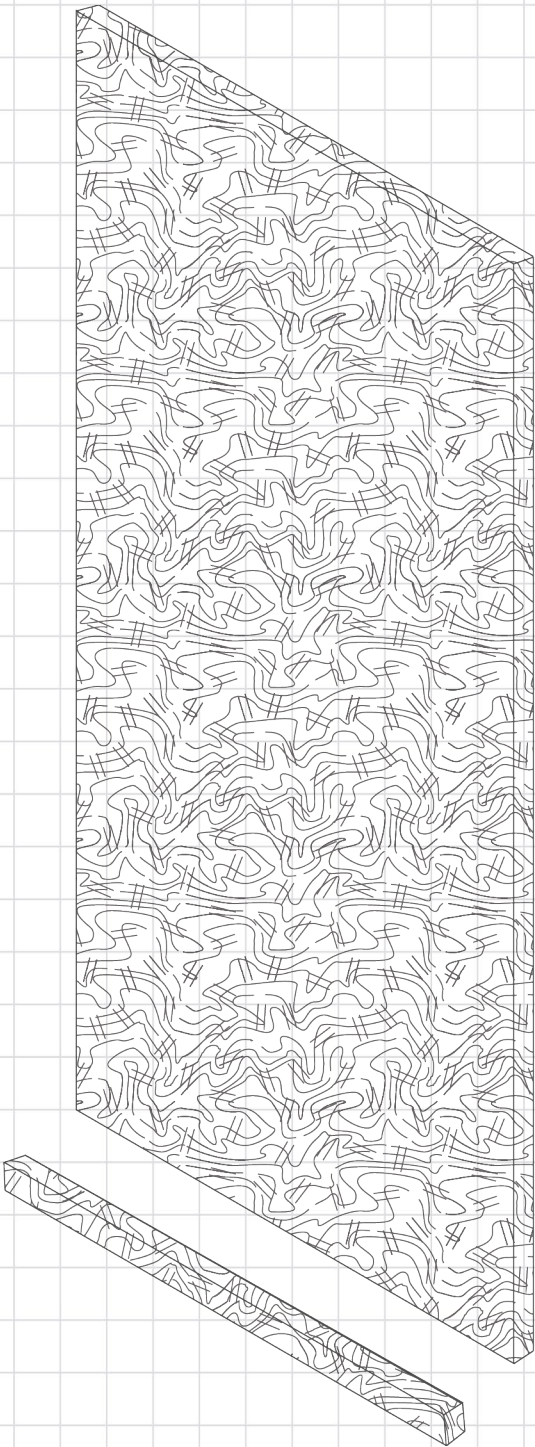


Noncombustible Insulation

Tech Sheet





COMPONENTS + MATERIALS

MATERIAL COMPOSITION

CertainTeed High Temperature (HT) Blanket Type 1

See manufacturer's [Specification Sheet](#)

COMPATIBLE WALL FRAMES

6" Solid Wall frames

4" Solid Wall frames See [Solid Wall Tech Sheet](#)

2" Furring Wall frames (TAOS) See [Face Tiled Wall – 2 Inch \(TAOS\) Tech Sheet](#)

NOTE: Inclusion of noncombustible insulation in 2" Furring Wall frames is dependent on wall application and code requirements.

Application

Wall frame insulation factory installed.

Insulation strips installed on-site in frame base cavity prior to base trim.

See [Noncombustible MgO Solid Walls Installation Guide](#) for details.

IMPORTANT: Appropriate personal protective equipment (PPE) is required when handling noncombustible insulation. Refer to the manufacturer's [Safety Data Sheet](#) for PPE requirements.

MOUNTING COMPONENTS

Hammer-In Insulation 22-gauge sheet metal Hangers

See [DIRTT Panel and Solid Frame Solution Guide](#)

DIMENSIONS + DETAILS

Insulation thickness	2" (51mm)
Roll of insulation	48" (1.22m) wide
	75'-0" (22.8m) long
Roll of insulation strips	4" (101mm) wide
	75'-0" (22.8m) long

Double layer of insulation possible in 4" and 6" Solid Wall frames.

NOTE: Double layer of insulation is not possible if a Deep Raco Box is used.

COMPLETED TESTING

ASTM E84

"Standard Test Methods for Surface Burning Characteristics of Building Materials"

CAN ULC S102

"Standard Test Methods for Surface Burning Characteristics of Building Materials and Assemblies"

NFPA 286

"Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth"

ASTM E136

"Standard Test Method for Assessing Combustibility of Materials Using a Vertical Tube Furnace at 750°C"

NOTE: Test reports are available upon request.

Supporting Documentation

[Noncombustible Insulation – Manufacturer Specification Sheet](#)