

CCEWOOL® Stone Wool Batt



CCEWOOL® Stone Wool Batt is a high-performance semi-rigid stone wool insulation product specifically designed for new and renovated residential and commercial buildings. It is ideal for wall, ceiling, floor, and attic insulation systems in wood and steel-framed structures. This stone wool batt features unique flexible edges that can be easily compressed during installation, ensuring seamless filling of the

framing cavities while preventing over-compression, thus maintaining excellent R-value performance.

The product is non-combustible and fire-resistant, and even when directly exposed to fire, it will not produce toxic smoke or contribute to flame spread. Additionally, it has outstanding moisture resistance, water-repellency, and sound absorption properties, making it an ideal choice for enhancing energy efficiency and creating a healthy indoor environment.

CCEWOOL® Stone Wool Batt combines high-efficiency thermal insulation, fire protection, and environmental sustainability, making it an excellent solution for various building needs and offering a safe, comfortable, and sustainable solution for construction.

Characteristics:

Vapor Permeability;

Fire Protection;

Environmental Sustainability;

Moisture Resistance;

Stable R-Value;

Dimensional Stability;

Sound Absorption.



Applications:

Exterior Insulation for Wood and Steel-Framed Walls;

Insulation and Soundproofing for Bare Floors and Crawl Spaces;

Attic and Ceiling Insulation Systems.

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CCEWOOL® Stone Wool Batt	
Density	> 2 lb/ft³ (>32 kg/m³)
Dimensions	Wood Stud 16" (406 mm) on center: 15.25" x 47" (387 mm x 1194 mm)
	Wood Stud 24" (610 mm) on center: 23" x 47" (584 mm x 1194 mm)
	Steel Stud 16" (406 mm) on center: 16.25" x 48" (413 mm x 1219 mm)
	Steel Stud 24" (610 mm) on center: 24.25" x 48" (616 mm x 1219 mm)
Reaction to fire	Class A Non-Combustible
Thermal resistance	Varied from R-10-R38
	R 14 (RSI 2.47) - 3.5" thick (89 mm) R 10 (RSI 1.76) - 2.5" thick (64 mm)
	R 22 (RSI 3.87) - 5.5" thick (140 mm) R 14 (RSI 2.47) - 3.5" thick (89 mm)
	R 24 (RSI 4.23) - 5.5" thick (140 mm) R 22.5 (RSI 3.96) - 6" thick (152 mm)
	R 28 (RSI 4.93) - 7.25" thick (184 mm) R 24 (RSI 4.23) - 6" thick (152 mm)
	R 32 (RSI 5.64) - 8" thick (203 mm)

Product Range			
R-value	Thickness (inch)	Width (inch)	Length (inch)
13	3.5	15.25	47
13	3.5	23	47
15	3.5	15.25	47
15	5.5	23	47
21	5.5	15.25	47
21	5.5	23	47
23	5.5	15.25	47
23	5.5	23	47
30	7.25	15.25	47
30	7.25	23	47