

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.

TDS

| 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 |