

## **CCEWOOL® Stone Wool Multipurpose board 40/60**



CCEWOOL® Stone Wool Multipurpose Board 40/60 is suitable for a wide range of applications, including partitioning mechanical rooms or storage spaces, and enhancing soundproofing and fire barrier performance. With multiple density options available, it provides exceptional performance and reliability for buildings, ensuring long-lasting protection and comfort.

CCEWOOL® Stone Wool Multipurpose Board 40/60 is a multifunctional, high-performance soundproofing

and thermal insulation solution that combines excellent fire protection, acoustic performance, and moisture resistance, offering reliable protection and a comfortable indoor environment for modern buildings.

### **Characteristics:**

Fire Resistance;

Waterproof and Moisture-Resistant;

Anti-Microbial and Corrosion-Resistant;

Directional Fiber Structure;

Outstanding Compressive Strength;

Easy to Install;

Multiple Density Options;

Optional Reinforced Foil.

### **Applications:**

Wall soundproofing and thermal insulation;

Ceiling soundproofing and thermal insulation;

Floor soundproofing and thermal insulation.



**TDS**

CCEWOOL® Stone Wool Multipurpose board 40/60								
Product	Stone Wool Multipurpose board 40				Stone Wool Multipurpose board 60			
Density	4 lb/ft³ (64 kg/m³)				6 lb/ft³ (96 kg/m³)			
Dimensional stability	Linear Shrinkage - <1% @ 1200°F							
Dimensions	24" x 48" (610 mm x 1219 mm)							
Thickness	1" through 4" (25.4 mm – 101.6 mm)				2" through 4" (50.8 mm – 101.6 mm)			
Reaction to fire	Class A Non-Combustible Flame spread index = 0 ; Smoke developed index = 0							
Thermal resistance	4.2 hr.ft².F/Btu				4.3 hr.ft².F/Btu			
Reaction to moisture	Moisture Sorption - 0.03%							
Compressive strength	90 psf (4.3 kPa) @ 10% compression				355 psf (17 kPa) @ 10% compression			
	225 psf (10.8 kPa) @ 25% compression				585 psf (28 kPa) @ 25% compression			
Corrosion Resistance	No corrosion							
Acoustical Performance	Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
	1"	0.07	0.32	0.77	1.04	1.05	1.05	0.8
	1.5"	0.18	0.48	0.96	1.09	1.05	1.05	0.9
	2"	0.26	0.68	1.12	1.1	1.03	1.04	1
	3"	0.63	0.95	1.14	1.01	1.03	1.04	1.05
	4"	1.03	1.07	1.12	1.04	1.07	1.08	1.1

