CCEWOOL®
INSULATION FIBER

CCEWOOL Thermomax Inc.
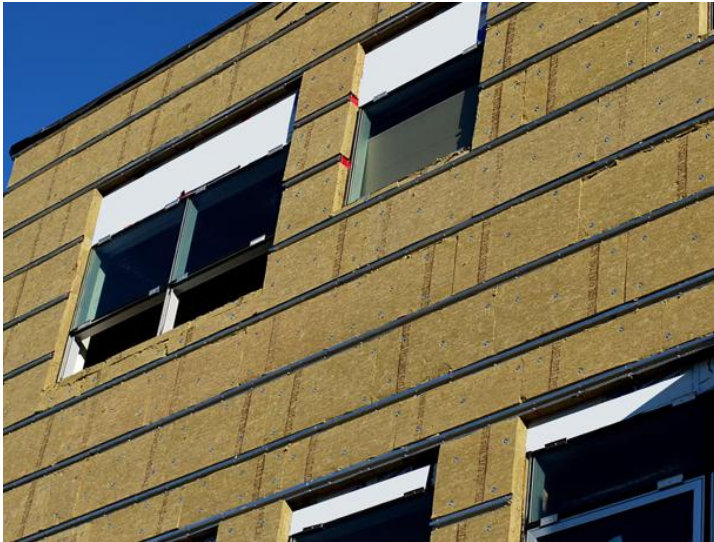✉ salesusa@ccewool.com
🌐 www.ccewool.com

CCEWOOL® Curtain Wall Insulation Board 40/80

CCEWOOL® Curtain Wall Insulation Board is a high-performance semi-rigid stone wool insulation board designed for curtain wall systems. It offers outstanding fire protection and thermal performance. Its non-combustible properties ensure that it will not produce smoke or contribute to flame spread when exposed to fire, providing reliable safety for buildings. Additionally, this product features moisture resistance and corrosion protection, ensuring long-term thermal efficiency for wall components.

We offer two specifications to meet different curtain wall design needs:

CCEWOOL® Curtain Wall Insulation Board 40: With a minimum nominal density of 4 PCF, it is suitable for standard curtain wall insulation needs and meets relevant insulation standards.

CCEWOOL® Curtain Wall Insulation Board 80: With a minimum nominal density of 8 PCF, it provides higher density and compressive strength, making it suitable for curtain wall systems with higher performance requirements.

Choosing the appropriate product depends on the specified perimeter fire containment system requirements of the project.

CCEWOOL® Curtain Wall Insulation Board is a high-performance solution designed for modern curtain wall systems, combining fire protection, thermal insulation, moisture resistance, and durability, providing greater safety and long-lasting protection for buildings.

Characteristics:

Low Moisture Absorption;

Superior Thermal Protection;

Non-Combustible;

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Sound Absorption;

Chemically Inert;

Water-Resistant;

Reinforced Foil Facing.

Applications:

Exterior Wall Insulation: Curtain walls;

Thermal and Fire Protection for Building Arches;

Vertical Frame Cover for Curtain Wall Systems.

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CCEWOOL® Curtain Wall Insulation Board 40/80		
Product	CurtainStone 40	CurtainStone 80
Density	4 lbs/ft3	8 lbs/ft3
Dimensional stability	CurtainStone 40/80 – < 1% @ 1200F	
Thicknesses	1.5", 2", 2.5", 3", 3.5", 4", 4.5", 5", 6", 7"	1.5", 2", 2.5", 3", 3.5", 4", 4.5", 5", 6", 7"
Dimensions	24" x 48" 36" x 60" 48" x 72"	24" x 48" 36" x 60" 48" x 60" 48" x 72" 60" x 72"
Reaction to fire	Class A Non-Combustible Flame spread index = 0 ; Smoke developed index = 0	
Thermal resistance	R4.3 per inch	
Acoustical Performance	NRC = 1.05 (3" thickness)	
Corrosion Resistance	No corrosion	