

Foundry Service & Supplies, Inc.

FUSED SILICA
HOT PRESS PLATENS
CASTABLE CERAMICS
FIRED SHAPES
AEROSPACE TOOLING

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HI-TEMP INSULATIONS
CALCIUM SILICATE BOARDS
MILLBOARD AND BLANKET
PAPERS AND CEMENTS
CUTTING AND FABRICATING

Minerit LW - Light Weight Interior Board



Light Weight interior board is a construction board for demanding construction. Its excellent technical properties enable board construction where it otherwise would not be possible. Light Weight interior board combines many good properties of a good building board: fire safety, shock and wear resistance, sound insulation, easy workability and installation and various surface and joint structures.

Lightweight Interior board is a durable and non-combustible building board and therefore a safe material for interior walls. Lightweight Interior board can solve even the most demanding compartmenting problems and structures with strict sound installation requirements. Light Weight interior board belongs in the best A1 fire class and the building material emissions class M1.

Light Weight interior board is suited to new buildings and the renovation of old buildings. Light Weight interior board can be used in schools, hospitals, day care centers, nursing homes, public office buildings, machine and sports halls, blocks of flats, terraced houses, boats, bomb shelters, detached houses etc.

LW board also has excellent sound insulation properties. Taper edged boards are available for special joint applications.



Standard Sizes: 1/4", 5/16"; 4' x 8', 4 x 10'

LW board is also easy to handle and work on-site. Ideal for all applications where a strong internal lining board is required:

- Schools
- Public Buildings
- Hotels
- Non-combustible Partitions
- Ceilings
- Fire Surrounds
- Fire Barriers/Doors
- Hospitals

Physical Properties - Minerit LW

Physical Properties	LW
Density, dry, pcf	69
Moisture Content, normal, %	12
Modulus of Rupture, psi, MD	1880
CMD	1300
Modulus of Elasticity, psi x10⁶	580
Tensile Strength, psi, MD	580
(Parallel to surface) CMD	430
Compressive Strength, psi	NA
Impact Strength, lb-ft/ft²	137
Water Absorption, %, oven dry - saturation	48
Thermal Conductivity, BTU-in/ft², hr, °F	1.3
Coefficient of Thermal Expansion, in/in, °F, x10⁻⁶	3.9
68 °F - 212 °F	
Moisture Movement, in/ft	0.042
Oven dry - saturation	
Surface Burning Characteristics, Class I	
Flame spread	0
Smoke developed	0
Continuous Maximum Temperature, °F	250
Non-combustible	ASTM E 136

Properties based on 1/4" material