

MONOKOTE® FIREPROTECT™

Mineral Wool Fire Protection Board

MONOKOTE® FIREPROTECT™ Board is a UL Classified, lightweight and durable fireproofing board that may be used to protect structural steel members for up to 3 hours. It has excellent physical properties including industry leading R-values and Noise Reduction Coefficients; is non-combustible, non-flammable, asbestos-free and may be applied year-round. It is installed dry without disruption to other trades and does not require steel surface preparation or specialized equipment. It can be fastened to primed or painted steel. Alone in this space, it has VOC Emissions Data and is comprised of 20% recycled material.

MONOKOTE® FIREPROTECT™ installs without the adhesion and compatibility concerns associated with spray applied fireproofing or the melamine issues associated with intumescent. It is easily cut with a knife, hand-or table saw. **MONOKOTE® FIREPROTECT™** is fastened to the substrate using our pigtail screws and is shipped on pallets in stretch-wrapped polyethylene for ease of handling and short-term storage.

Typical installations would include commercial buildings, data centers, industrial plants, gymnasiums warehouses, parking garages, power plants or elevator shafts.

PRODUCT DETAILS

MONOKOTE® FIREPROTECT™ is supplied in a standard board size 47 ¼ L x 39 ¾ W (1200mm x 1000mm) with thicknesses ranging from 1 ⅞-4 in (20-100mm), palletized and shrink- wrapped. The board can be cut using a table/hand saw or knife.

Noggings 4" (100mm) wide x 1 ⅝" (40mm) minimum thickness are cut to fit tightly between the flanges at a maximum of 24" on center.

For deck applications it is fastened directly to the deck using standard deck screws.

TECHNICAL DETAILS

	ASTM Test Method	MONOKOTE® FIREPROTECT™
Air Erosion	ASTM E859	0.00g at 1200 ft / min
Tensile Strength	ASTM C209	14.6 psi
Density	ASTM E605	10.0 pcf (161 kg/m³)
Compressive Strength (10% deformation)	ASTM C165	3.45 psi
Thermal Performance (R-value)	ASTM C158	4.5 per inch
Sound Absorption (NRC)	ASTM C423	0.9
Fungal Resistance	ASTM C1338	No growth
Surface Burning Characteristics (Flame Spread / Smoke Development)	ASTM E84	0 / 0 (Class A)
Surface Burning Characteristics (Flame Spread / Smoke Development)	ULC CAN S102	5 / 0 (Class A)
Combustibility	ASTM E1354 ASTM E136	Non-combustible

To learn more about **MONOKOTE® FIREPROTECT™** and to see if it is the right solution for your next project, contact your local GCP Territory Manager.

