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DragonBoard™ InfernoBloc Underlayment

1/2″ · Floor underlayment over plywood, OSB, or MgO subfloors

DragonBoard™ InfernoBloc is a magnesium oxide (MgO) underlayment panel designed for use over plywood or OSB subfloors to achieve one-hour fire-resistance-rated floor assemblies without the use of poured gypsum underlayment. The lightweight, dry installation system eliminates curing time, simplifies scheduling, and provides a stable, cost-effective substrate for a wide range of finished flooring materials.

PRODUCT SPECIFICATIONS

Thickness	1/2″
Panel Width	48″ (4′)
Panel Length	96″ (8′)
Panel Edge	SE (Square Edge) on all 4 sides
Panels Per Pallet	25 or 50
Weight	2.48 lbs. per sq. ft.
Weight Per Panel	Approx. 80 lbs.
Pallet Weight	1,984 lbs. (25 pcs) or 3,968 lbs. (50 pcs)



InfernoBloc Underlayment 1/2″

FIRE-RATED ASSEMBLY

UL L587 Design No. 27

1-hour fire-resistance-rated floor assembly with InfernoBloc installed over plywood or OSB — no poured gypsum, no curing time.

Fire ratings apply only when installed in accordance with the referenced UL design. Refer to UL Product iQ for current listings.

APPLICATIONS, PERFORMANCE & INSTALLATION

Typical Applications

- Multifamily construction
- Modular & offsite construction
- Hospitality & senior living

Performance Features

- 1-hour fire rating
- Moisture resistant
- Mold resistant
- Termite resistant

Product Installation

- Installs directly over plywood, OSB, and MgO subflooring
- Installs without the need for specialized tools

DragonBoard™ Codes & Standards

- International Building Code (IBC): 2006 – 2024
- Fire Testing Per ASTM E84, E136, E119
- UL Fire Rated Assembly: UL L587 (Design No. 27)
- Sound: ASTM E90, E492
- Mold Resistance: ASTM G21
- Extreme Termite Resistance: AWPA E1-13
- Moisture Resistance: ASTM C1185
- Does not contain Asbestos, Formaldehyde, or VOCs

Environmental Stewardship

DragonBoard™ USA supports the programs of the United States Green Building Council (USGBC). Contact our team for fire-rated assembly details, product specifications and technical support.

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