

DuraLine® MR

DuraLine® MR is the moisture-resistant variant of DuraLine® PLUS. It is a high impact-resistant gypsum board with water repellent additives added to its high density core containing glass fibres and fumed silica.

DuraLine® MR is designed to provide enhanced sound, fire, moisture and impact resistance when used with the GypWall® ROBUST system. The system achieves a severe duty rating in a single board partition system.

DuraLine® MR is conventionally used for walls that require both moisture and impact resistance, such as in residential and commercial buildings, hospitals, schools and hotels.



DuraLine® MR



CHARACTERISTICS

A gypsum board with a high density core containing glass fibres and fumed silica mixed with a specially formulated additive to enhance moisture resistance, all encased and firmly bonded to strong paper liners.

APPLICATION

- Universally used for wall systems that require both moisture and impact resistance.

PRODUCT FORMAT

Thickness	16mm	19mm
Nominal Weight	14.50kg/m ²	17.10kg/m ²
Nominal Sheet Size	1220mm x 2440mm	
Edge Type	Recessed Edge, RE	

MOISTURE RESISTANCE

- Total water absorption: less than 5 percent when tested in accordance with BS EN 520.
- Total surface water absorption: H1 classification, less than 180 g/m² when tested in accordance with BS EN 520.
- Moisture movement: Less than 0.1% liner change in moisture content when tested in accordance with ASTM C1185.

THERMAL INSULATION

- Recommended design thermal conductivity, k-value=0.18 W/m.k

HANDLING AND WORKABILITY

- Crack-free
- Seamless and smooth finishing
- Quick and easy installation
- Highly flexible in creating the highest standards of design
- Easily decorated

FIRE RATING

- Classified as Class 0 material in accordance to building regulation
- Available up to 4-hours fire rating (GypWall® ROBUST system) in accordance to BS 476: Part 22
- Non-combustible in accordance to BS 476: Part 4
- Low fire propagation in accordance to BS 476: Part 6
- Class 1 surface spread of flame in accordance to BS 476: Part 7

HEALTH AND ENVIRONMENTAL CONTRIBUTIONS

- Made from 100% natural gypsum
- Recyclable material, hence environmentally friendly and certified with Green Product Certification Scheme
- Does not produce toxic fumes or hazardous substances that are harmful to health
- Product is manufactured in a facility that is certified to standards of ISO 14001 and ISO 9002.



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