

APPLICATIONS

For Mezzanine floor systems where up to 60 minutes fire resistance is required.

¹Reference ETA 18/0645 and manufacturing data. All physical property values are averages based on standard production. As our products are subject to continuous improvement, for current details of the product properties and system applications, please visit our [PROMATECT[®]-XS](#) product page on our website.

PROMATECT[®]-XS in use



PROMATECT[®]-XS IS AN A1 NON-COMBUSTIBLE BOARD, FOR MEZZANINE FLOOR SYSTEMS WITH FIRE RESISTANCE OF UP TO 60 MINUTES, AND CAN BE INSTALLED IN UNHEATED SPACES WITHOUT DETERIORATING.

PROMATECT[®]-XS offers a quick installation providing 60 minutes fire resistance for lightweight mezzanine floor constructions. The board is moisture resistant, allowing installation in unheated spaces and has a smooth, impact resistant surface. The board can be left undecorated or easily finished with paints. The boards have a mineral composition without any volatile organic chemical used as additives during the manufacture.

TABLE 1.1. BOARD FORMAT DATA¹

Thickness (mm)	Length x Width (mm)	Edge Format	Approximate Weight (kg/m ²)
15	2500x1200	Square	13.7

TABLE 1.2. MECHANICAL PROPERTIES¹

Flexural strength (Modulus of Rupture)	Average, Dry	N/mm ²	6.4
Tensile strength (Transversal)	Average, Dry	N/mm ²	1.6
Tensile strength (Longitudinal)	Average, Dry	N/mm ²	2.5
Comprehensive strength	Average, Dry	N/mm ²	6.0

TABLE 1.3. GENERAL TECHNICAL DATA¹

Designation	Fire Protection Board
Reaction to fire (To BS EN 13501-1)	A1 non-combustible
Apparent Density kg/m ³	915
Nominal density at 23°C, 50% RH (average) kg/m ³	950
Thermal conductivity (approximately) at 20°C, W/mK	0.30
Dimensional stability (To BS EN 318)	Dimensionally stable
Thickness tolerance of standard boards (mm)	±0.5
Length x Width tolerance of standard boards (mm)	-5mm / +0mm

The board is not classified as a dangerous substance and so no special provisions are required regarding the carriage and disposal of the product to landfill. Board off-cuts and waste can be placed in an on-site skip with other general building waste, which should be disposed of by a registered contractor.

A SAFETY INFORMATION SHEET IS AVAILABLE FROM [PROMAT.COM/DOCUMENTATION](#) AND, AS WITH ANY OTHER MATERIALS, SHOULD BE READ BEFORE WORKING WITH THE BOARD.