

TECHNICAL DATA SHEET

Product: TE Platinum Ground Floor
Issue Number: 002
Issue Date: April 2013

Product Information

Description

TE Platinum Ground Floor is a rigid, graphite-injected, expanded polystyrene insulation board.

Application

Thermal Insulation for use in ground floor construction.

Appearance & Packaging

Supplied in boards, stock sizes (*other sizes available on request*):

1.2m x 2.4m;

Physical Properties

Depth	: 25mm – 300mm in 5mm increments.	
Density	: 15 -17kg/m ³	(BS EN 13163)
Bending Strength	: 115kPa	(BS EN 13163)
1% Compressive Strength	: 21kPa	(BS EN 13163)
Compressive Stress	: 70kPa at 10% deformation	(BS EN 13163)

Water Vapour Resistance of EPS	: 60MN · s/g	(BBA Certificate No. 93/2861)
Water Vapour Permeability of EPS	: 0.018 – 0.036 mg/Pa · h · m	
Vapour Diffusion Factor (μ)	: 20 – 40	(BS EN 13163)

Thermal Performance

Thermal Conductivity of EPS (λ)	: 0.030 W/m · K	(BS EN 13163)
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Environmental Data

Platinum GF is recyclable.

Global Warming Potential : <5

Ozone Depletion Potential : 0