

## TECHNICAL DATA SHEET

Product: Alreflex ZebraFloor Topsheet (120)  
Issue Number: 01  
Issue Date: Sept 2021

### Product Information

#### **Description**

Alreflex ZebraFloor Topsheet (120) is a rigid, graphite-injected, expanded polystyrene board.

#### **Application**

For use above concrete beams and below a structural concrete topping, as part of the Alreflex ZebraFloor insulated beam & block floor system.

#### **Appearance & Packaging**

Supplied in boards, stock sizes :

1.2m x 2.4m

#### **Physical Properties**

Standard Thickness	: 75 - 300mm	
Density	: 25 kg/m <sup>3</sup> (Nominal)	(BS EN 13163)
Bending Strength	: 170 kPa	(BS EN 13163)
Compressive Stress	: 120 kPa (@ 10% deformation)	(BS EN 13163)

Water Vapour Resistance of bubble/foil	: 125MN · s/g	
Water Vapour Permeability of EPS	: 0.009 – 0.020 mg/Pa · h · m	
Vapour Diffusion Factor ( $\mu$ )	: 30 – 70	(BS EN 13163)

#### **Thermal Performance**

Thermal Conductivity ( $\lambda$ )	: 0.030 W/m · K	(BS EN 13163)
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If you require any further technical information please contact our Technical Department on 01582 544255.

## **Environmental Data**

BRE Green Guide Rating : A+

Global Warming Potential : < 5

Ozone Depletion Potential : 0