



CONSOL FOAM BOARD

Extrude Polystyrene

DESCRIPTION

CONSOL FOAM BOARD is a thermal insulation material with uniformly distributed closed cells which does not absorb water, doesn't swell and shrink, is chemical resistant and is not subject to digestion.

High resistibility allows to receive equal and simultaneously rigid base, and it essentially increases term of operation of the whole heat insulating system.

CONSOL FOAM BOARD contains Nano particles graphite that reflect heat radiation.

RECOMMENDED FOR

CONSOL FOAM BOARD is an up to date thermal insulating material widely used in building and construction while arranging thermal protection of the basement, roofs, floors, facades, thermal insulation of railways, high-ways and for concrete joint filler.

PRODUCT DATA

Size

(Fire retardant Expanded Polystyrene) EPS

Density 19 : 1m x 2m x 12mm (Sterofoam)

Density 25 : 1m x 2m x 12mm (Sterofoam)

Density 30 : 1m x 2m x 12mm (Sterofoam)

TECHNICAL DATA

Shrinkage Resistance at 10% Linear Deformation, no Less than (kPa)

300 KPA

Maximum strength for static bending, no less than, (MPa)

0,35 MPa

Water absorption, no more than (% of volume)

0,2 %

Reaction to Fire, Euroclass

E

Rectangular, no more than (mm)

≤ 1200 - 5 mm

≤ 2400 - 7 mm

> 2400 - 10 mm

Thermal Conductivity

Thickness, mm	m ² *K/W	W/(m*K)
40	1,143	0,035 [®]
50	1,428	
60	1,714	
80	2,286	