

EPS F

Product description

Heat-insulating – normal, hard polystyrene foam boards.
Marking: red line

Area of application

Heat-insulation panels for exterior insulation finishing systems.

Packaging

Board size: 1,000x500 mm (~0.25 m³) Thickness: 20 mm to 200 mm.

Thermal conductivity resistance R_{λ} (m ² K/W)	Thickness (mm)	m ² /package	pc/package
0.51	20	12.5	25
0.77	30	8	16
1.03	40	6	12
1.28	50	5	10
1.54	60	4	8
1.8	70	3.5	7
2.05	80	3	6
2.31	90	2.5	5
2.56	100	2.5	5
3.08	120	2	4
3.59	140	1.5	3
4.1	160	1.5	3
4.62	180	1	2
5.13	200	1	2

Coverage / Spreading rate

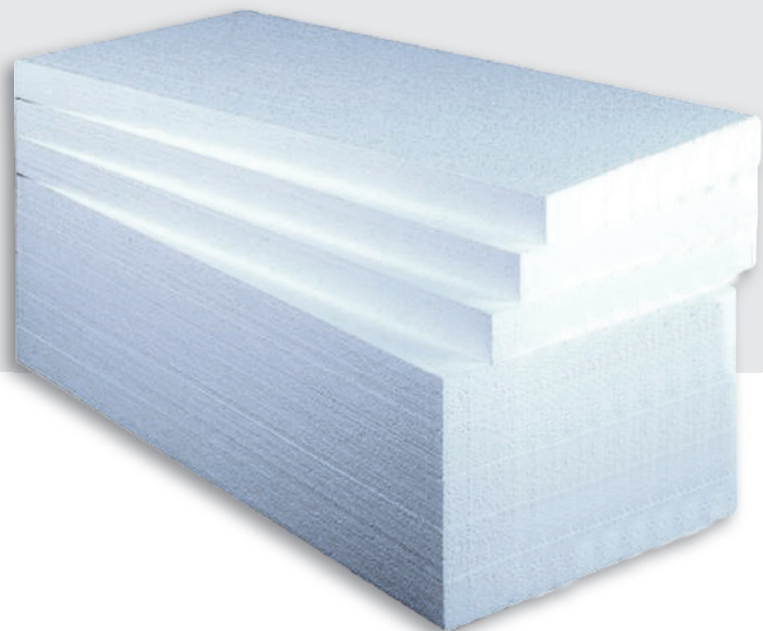
1,05 m²/m²

Advantages

Highly efficient thermal insulation material ■ lightweight, excellent strength and durability ■ easily manageable ■ less sensitive to humidity ■ excellent applicability ■ feels fine ■ not irritating ■ no adverse impact on health or the environment.

Heat insulation panels for cladding systems

- Efficient thermal insulation
- Not harmful to the environment and human health
- Easy to handle and integrate



Technical data

λ_0 Thermal conductivity coefficient	0,038 W/mK
Compression strength at 10% deflection	70 kPa
Compression strength at 2% deflection	35 kPa
μ vapour diffusion resistance factor	20–40
Fire protection class	E

Supplier's Declaration of Conformity

EPS F

Manufacturer:

NIKECELL Hőszigetelőanyag-gyártó és Forgalmazó Kft.
8184 Balatonfűzfő, hrsz.: 1485/4 ■ Phone: +36 (88) 596-200
Fax: +36 (88) 450-495 ■ www.nikecell.hu ■ nikecell@nikecell.hu

Product:

EPS F – Expanded polystyrene foam board

Product identification code:

EPS-EN 13163-T2-L2-W2-S2-P4-DS(70,-)3-BS125-CS(10)80-DS(N)2-TR150

Intended use (intended purpose):

To be used for exterior insulation systems. The date of manufacture can be found on the product label.

Conformity:

ETA-10/0191 European Technical Approval

Approved organisation whose test results are used as a basis for the issuance of the Declaration:

Building Testing and Research Institute, Bratislava,
Studena 3. Slovakia.

Technical specification the product has been proved to conform to:

MSZ EN 13163 Standard

Special application conditions:

HFlame resistance: Euro class E ■ Thermal conductivity coefficient:
0.038 W/mK ■ Thickness: 20-200 mm

Validity of the Declaration of Conformity:

In the case the product is properly stored, it is valid until cancelled.

Balatonfűzfő, 01.02.2010

Kecső Zoltán – Managing Director

Additional information: ■ The CE marking is indicated on the product label. ■ The manufacturer's contact information is available on the manufacturer's web site (www.nikecell.hu). ■ Complaints may be lodged on the basis of the invoice for the product and the consignment note, before it is used (in the case the product wrapped in foil can be properly identified). ■ The material safety data sheet is available on the manufacturer's web site.

The product's serial number:

Date of manufacture:

Material handling



Protect against moisture



Protect against direct sunlight



Do not expose it to temperatures
over +80 °C



Protect against mechanical
impacts



Protect against solvents

Information on application



Cut it with knife, saw or hot-wire
foam cutter



Don't step on it!