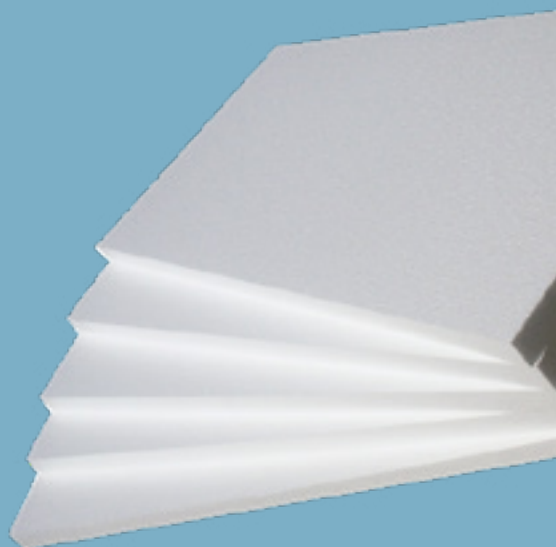


## White EPS

Technical Data Sheet 12/2023



# White EPS

Thermal insulation board

### Product Description

Expanded polystyrene boards which are used in thermal insulation systems.

### Storage

- Packages should be kept in a sheltered, dry environment.
- Packages should be kept away from weather conditions, moisture and water contact to maintain its characteristic properties.
- It is proposed to keep the packages horizontally on a flat, dry and clean surface during transportation and stocking.

### Standards referred to

TS EN 13163

EN 13499

### Fields of Application

- Interior Thermal Insulation Systems
- Exterior Thermal Insulation Systems

**General Data**

Description	Width (mm)	Length (mm)	Thickness (mm)	Density (kg/m <sup>2</sup> )	Material Number
White EPS	500	1000	20	16	141397
			30		141398
			40		141399
			50		141400
			60		141401
			80		141402

**Technical Data**

Description	White EPS 16 16 kg/m <sup>3</sup>	White EPS 30 30 kg/m <sup>3</sup>
Apparent density (kg / m <sup>3</sup> )	16	30
Reaction to fire	B1	B1
Thermal conductivity $\lambda$ (W / mK)	0,038	0,034
Compressive strength (kPa) 10% deformation	70	150
Extended period of water absorption with total immersion	%3	%3
Water vapour diffusion resistance $\mu$	20-40	40-100
Dimensional stability	$\pm$ % 0,2	$\pm$ % 0,2
Flexural strength (kPa)	115	200
Tensile strength (kPa)	100	200

### System Performance Values

Performance values as sound insulation, fire resistance etc. may differ acc. to the drywall system to be applied. Please check the performance values of the drywall systems;

[Knauf Technical Website](#)  
[Document Center](#)

### Application

Application should be done acc. to the applicable standards (TS 1475) and acc. to the Knauf Technical Brochures of the respective drywall system.

▶ 444 YAPI - 9274

▶ [www.knauf.com.tr](http://www.knauf.com.tr) / [www.teknik.knauf.com.tr](http://www.teknik.knauf.com.tr)

▶ [teknik@knauf.com](mailto:teknik@knauf.com)

Center: Knauf Moment Beştepe Office, Beştepe Mah. 32.Cadde No:1/212-218 06560 Beştepe-Yenimahalle / ANKARA Tel: 0312 297 0100 Faks: 0312 266 4506