

Austrotherm EPS OPTIMIER®



INTER-WALL
HEAT INSULATION

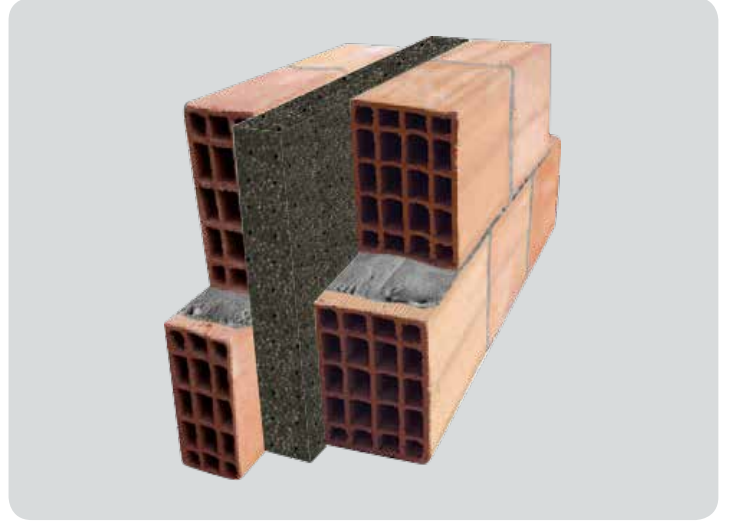
- ▶ Inter-wall Thermal Insulation Applications
- ▶ 0.034 W / mK Heat Conduction Coefficient*
- ▶ Lightweight, Flexible EPS Thermal Insulation Board

* This value shows how much heat the material used transmits, and the low heat transmission coefficient indicates that the material has better heat insulation.

Austrotherm EPS OPTIMIER®

Inter-wall Thermal Insulation Applications

Product sheet



Description

It is an EPS thermal insulation board developed for thermal insulation between walls.

Properties:

It provides 15% better thermal insulation performance compared to the white EPS plate used in thermal insulation between walls. It is light and flexible and maintains dimensional stability.

Area of use:

It is used to provide thermal insulation between walls built with bricks, aerated concrete, pumice block and the like.

Storage Information:

It should be stored in a cool and ventilated, non-humid environment. Avoid contact with direct sunlight and being located near heat sources.

Quality certificates:

It complies with TS EN 13163: 2012 + A2 standard



Notice:

Not recommended for use in exterior thermal insulation applications in buildings.

Technical Specifications

Product Type: EPS 30

Color: Gray

Thickness: From 2cm to 10cm

Size: 50x100cm

Edge Shape: Straight

Cell Content: Air 98%, 2% Polystyrene

Packaging: PE nylon

Austrotherm EPS OPTIMIER®			
Technical Specifications	EPS 30	UNIT	CLASS
Thermal Conductivity Coefficient (λ)	0,034	W/mK	
Water Vapor Diffusion Resistance Factor - μ	20-40	μ	
Length Tolerance	± 3	mm	L3
Top Tolerance	± 2	mm	W2
Thickness Tolerance	± 1	mm	T1
Miter Tolerance	± 2	mm	S2
Surface Smoothness	± 3	mm	P3
Dimensional Stability in Fixed Conditions	$\pm 0,2$	%	DS(N)2
Dimensional Stability at Specific Temperature and Humidity	1	%	DS(70,-)1
Compressive Strength at 10% Deformation	≥ 30	kPa	CS(10)30
Flexural Strength	≥ 60	kPa	BS60
Long-Term Water Absorption-Partial Immersion	$\leq 0,5$	kg/m ²	WL(T)0,5
Fire Resistance (TS EN 13501-1)	E		
Thickness	2-10	cm	
Dimensions	50x100	cm	
Usage Temperatures	(-50/75(+))	°C	

Austrotherm Yalıtım Malzemeleri San. Tic. Ltd. Şti. Sur Yapı Exen İstanbul, Tantavi Mah. Estergeron Cad. F Blok, No: 24F, Kat: 39, Daire: 448, 34764 Ümraniye / İstanbul
Tel: +90 (216) 404 10 90 | Faks: +90 (216) 404 10 99 | info@austrotherm.com.tr | austrotherm.com.tr

Austrotherm Kocaeli Factory; Mermerciler San. Sit. Köseler Köyü Mevki, 37.Cd. No:23, 41480 Dilovası / Kocaeli Tel: +90 (262) 728 14 40 Faks: +90 (262) 728 14 44

Austrotherm Manisa Factory; Selvili Tepe Mah. Tic. ve San. Odası Bul. No:1, 45400 OSB. Turgutlu / Manisa Tel: +90 (236) 314 14 38 Faks: +90 (236) 314 14 37

Austrotherm Ankara Factory; 1. OSB. Nahcivan Cad. No: 6, 6935 Sincan / Ankara Tel: +90 (312) 626 50 60

Austrotherm Kayseri Factory; İncesu OSB. Sultan Sazı 2. Cad. No:23, 38560 İncesu / Kayseri Tel: +90 (352) 502 08 38 Faks: +90 (352) 502 08 37

Austrotherm Trabzon Factory; Arsin OSB. 5. Cad. 61900 Arsin / Trabzon Tel: +90 (531) 783 73 88

Austrotherm Diyarbakır Factory; Elaziğ Yolu Üzeri 22. Km. OSB. 2. Etap, 21100 Yenişehir / Diyarbakır Tel: +90 (545) 453 67 43