

# Polystyrene Insulation Boards PS 15 SE

Polystyrene insulation boards for alsecco external wall insulation systems

<b>Areas of application</b>	Insulation boards for the alsecco external wall insulation system basic.		
	Polystyrene Insulation Board PS 15 SE	Insulation boards with butt-type edges for fixing by bonding or bonding and plugging.	
	Polystyrene Insulation Board PS 15 SE - elasticized.	Insulation boards with butt-type edges for fixing by bonding or bonding and plugging with increased sound insulation.	
	Polystyrene Insulation Board PS 15 SE-M	Insulation boards with grooves for fixing using the rail system.	

<b>Product properties</b>	■ Thermal conductivity group	PS 15 SE	035, 040
		PS 15 SE-elasticized	035, 040
		PS 15 SE-M	040
	■ Flame-retardant to DIN 4102		
■ Quality controlled in accordance with DIN 18164			
■ Dimensionally stable			

<b>Technical data</b>	Building materials class	B1 to DIN 4102	
	Apparent density	approx. 15 kg/m <sup>3</sup>	
	Diffusion-equivalent air-layer thickness (60 mm)	s <sub>d</sub> : approx. 3,0 m to DIN 52615	
	Dynamic rigidity (80 mm)	s' ≤ 10 MN/m <sup>3</sup> for PS 15 SE elasticized	

<b>Application instructions</b>	Substrate pre-treatment	Pre-treat substrates in accordance with the application guidelines for the adhesives.	
	Application	<b>Bonding</b> <ul style="list-style-type: none"> <li>- Depending on the substrate, use the spot-and-bead method to produce a bond using Thermastick MK or Armatop MP.</li> <li>- When applying adhesive to the wall, ensure a minimum bond of 60 %.</li> <li>- If the substrate is very uneven, the adhesive may be applied using a notched trowel.</li> <li>- Push the insulation boards so that they abut.</li> <li>- Keep the horizontal and vertical joints between the boards free from adhesive.</li> </ul>	

**Application instructions****Application**

- Install in a pattern with an offset of at least 20 cm, including in the corners of buildings.
- Where insulation boards have open joints < 1 cm, close these with PU Foam Filler. Close larger joints with strips of insulation material.

**Mechanical fixing using the rail system**

- Apply spots of Thermastick to provide a 20 % bond.
- Fix the insulation boards to the substrate using Profile H rails.
- Slide the Profile V in vertically to provide an additional connection between the insulation boards.
- Push the insulation boards so that they abut.

**Packaging**

Article number  
Packaging unit

**Polystyrene Insulation Bord PS 15 SE, Thermal conductivity group 040**

Art. no.	Format: 500 x 1000 x th [mm]	Number of boards per pack
14530	th = 20	25
14531	30	16
14532	40	12
14533	50	10
14534	60	8
14535	70	7
14536	80	6
14537	90	5
14538	100	5
15559	110	4
15560	120	4

**Packaging**Article number  
Packaging unit**Polystyrene Insulation Bord PS 15 SE, Thermal conductivity group 040, elasticized**

Art. no.	Format: 500 x 1000 x th [mm]	Number of boards per pack
15702	th = 20	25
15703	30	16
15704	40	12
15705	50	10
15706	60	8
15707	70	7
15708	80	6
15709	90	5
15710	100	5
15711	110	4
15712	120	4

**Polystyrene Insulation Bord PS 15 SE, Thermal conductivity group 035**

Art. no.	Format: 500 x 1000 x th [mm]	Number of boards per pack
005631	th = 20	25
005632	30	16
005633	40	12
005634	50	10
005635	60	8
005636	70	7
005637	80	6
005638	90	5
005639	100	5
005640	110	4
005641	120	4

Packaging	Article number Packaging unit	Polystyrene Insulation Board PS 15 SE-M, Thermal conductivity group 040		
		Art. no.	Format: 500 x 500 x th [mm]	Number of boards per pack
		15080	th = 50	10
		15081	60	8
		15082	70	7
		15083	80	6
		15085	100	5

Other information	Transport	Not a hazardous product
	Storage	Dry, protected against moisture and sunlight.
	Information on safety	We will be pleased to provide the EC safety data sheet on request.