

# Dalmatina

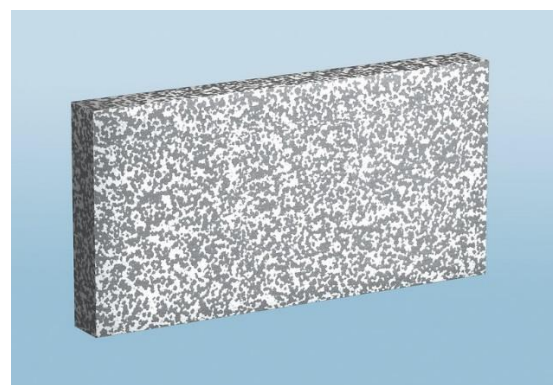
## Expanded polystyrene boards for ETICS



### Product description

Field of application	Fire-retardant expanded polystyrene boards for facades, intended for use in both new buildings and the renovation of old buildings, as part of high-performance Caparol composite thermal insulation systems in accordance with SR EN 13499:2004.
Certification	Dalmatina is certified according to SR EN 13163:2012 + A:2015, system 1.
Identification code	EPS-EN 13163-T1-L2-W1-S1-P3-BS125-CS(10)80-DS(70,90)1-DLT(1)5-TR130-WL(T)2
Properties	<ul style="list-style-type: none"> <li>■ Thermal conductivity <math>\lambda = 0,033</math> W/mK</li> <li>■ Expanded polystyrene pearls</li> <li>■ Dimensionally stable boards</li> <li>■ Non-ageing</li> <li>■ Water vapour diffusible</li> <li>■ Toxicologically harmless</li> <li>■ Free of formaldehyde</li> <li>■ Easy to apply</li> </ul>
Colour	Mix of black and white particles
Storage	Store in a dry area, cool, frost-free and protected against exposure to direct sunlight.
Technical data	Please see the product DoP available on <a href="http://www.caparol.ro">www.caparol.ro</a>
Packing	

Thickness (mm)	Dimension: 1000 x 500 mm		
	Packed in shrinking foil		
	m <sup>2</sup> / pack	m <sup>3</sup> / pack	pcs / pack
10	25	0.25	50
20	12.5	0.25	25
30	8	0.24	16
40	6	0.24	12
50	5	0.25	10
60	4	0.24	8
70	3.5	0.245	7
80	3	0.24	6
90	2.5	0.225	5
100	2.5	0.25	5
120	2	0.24	4
130	2	0.26	4
140	1.5	0.21	3
150	1.5	0.225	3
160	1.5	0.24	3
180	1.5	0.27	3
200	1	0.2	2
Other thickness sizes available on request			



## Application

Suitable Substrates	Mineral substrates of new buildings or sound, solid existing render/plaster or paint coatings and other sound, even substrates.
Substrate Preparation	Substrates must be clean, dry, adherent, and free from all substances, that may prevent good adhesion. Formwork oil residues, soiling and mortar burrs are to be removed. Remove unsound, flaking/peeling existing paint and textured render/plaster coatings as far as possible. Cut off render/plaster with hollow spaces and repair flush with the surrounding surface. Clean highly absorbent, sanding or chalking surfaces very accurately up to the solid substrate level and prime with Capatect-Konzentrat 111.
Method of Application	<p>Apply adhesive material (corresponding to the ETIC system) thoroughly to the reverse side of the thermal insulating board, by using the "Bulb-Point-Method": A bulb of material, approx. 5 cm wide, surrounds the board and 3 blobs (palm of the hand sized) are to be applied in the middle of the board. Adjust the thickness of applied material (base height) to the tolerances of the substrate, such that <math>\geq 40\%</math> surface area is stuck to the wall by adhesive mortar. Irregularities up to <math>\pm 1</math> cm can be equalised by this application method.</p> <p>If Capatect-Rollkleber 615 is used, the substrate must be absolutely planar. Apply the adhesive onto the complete surface with square-notched trowel or roll. Place the boards thoroughly from bottom to top touching each other (pressing together) and press on.</p> <p>The rows of insulating boards must be applied 50% staggered one beneath the other in order to avoid cross joints. Remove all adhesive passing out of the sides. Follow the alignment and vertical lines for installation.</p> <p>Spaces that may occur should be filled with insulating-board strips or -where required- with CapatectFüllschaum (Filling Foam) B1. Take care to avoid offset at the joints.</p> <p>Board/Panel thickness &gt; 100 mm: Apply lamellar non-combustible thermal insulation boards made of mineral wool in the area of lintels, e.g. doors and windows, 30 cm high. A mineral wool barrier around the building for each two floors (30 cm high) might replace the individual opening barriers in ETICS with board thickness between 100 and 300 mm (Note: See national regulations!) For transition-joints between different kinds of substrate materials or facing concrete (cladding) joints, the insulating boards should cover / "bridge" the joints run <math>\geq 10</math> cm wide on both sides. This should be realised with a very sound bonding.</p>
Consumption	1m <sup>2</sup> /m <sup>2</sup>
Application conditions	During application and drying phase temperatures should not fall below +5 °C or over +30° C for the material, substrate and surrounding air. Avoid contact of boards with aromatic solvents.

## Recommendations

Disposal	<p>Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authorities.</p> <p>Careful cutting and reuse can prevent wastage. In any case, waste or material residue must be disposed of as per European Waste Code EWC 17 02 03 (synthetic material).</p> <p>Particular attention should be made to removing wastage from site in compliance with standard construction site procedures.</p>
Customer Service Centre	<p>As it is impossible to list herein the wide variety of substrates and their specific problems, please request our technical assistance in case of queries. We will describe appropriate working methods, if a substrate not specified above is to be coated.</p> <p>☎ 0800.800.600 e-mail: <a href="mailto:tehnic@caparol.ro">tehnic@caparol.ro</a> site: <a href="http://www.caparol.ro">www.caparol.ro</a></p>

### Technical Information no. R 160 · Revised: November 2020

All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser/applicator from his responsibility to determine the suitability of the product in consideration of the project characteristics. These instructions are to be considered void when a new edition is released. Our general conditions of sale and delivery in their latest edition apply. This document is a translation of our Romanian Technical Information No. R160 · Issued: July 2017