

## Wood fibre roof – DP-H

With an insulating core made of sustainable raw materials - concealed mounting.



### Standard DESIGN AND SURFACES

Coil-coated, hot-dip galvanised steel sheet

EXTERIOR:	<ul style="list-style-type: none"><li>Exposed side 25 µm polyester coating with a PVC protective film (protects against solar radiation). The film must be removed no later than 10 weeks after the production date (visible on the longitudinal joint of the panel).</li><li>Profile: Trapezoidal profile, 42 mm (according to diagram)</li><li>Crown distance: 333.3 mm</li><li>Metal gauge: 0.6 mm (smaller metal gauge on request)</li></ul>
INTERIOR:	<ul style="list-style-type: none"><li>Exposed side has 25 µm polyester coating without protective PVC film (if required, please specify with order).</li><li>Profile 1 = standard (profile 2 and 3 on request)</li><li>Metal gauge: 0.6 mm (smaller metal gauge on request)</li></ul>
INSULATION CORE:	<ul style="list-style-type: none"><li>The wood for the wood fibre is sourced from responsibly managed forests and is independently certified according to the FSC<sup>®</sup> guidelines (Forest Stewardship Council<sup>®</sup>). Other materials: PUR resin and paraffin</li><li>Securely attached to the sheet steel shell</li><li>Gross density approx. 110 kg/m<sup>3</sup></li></ul>
FIRE BEHAVIOUR:	<ul style="list-style-type: none"><li>In line with EN 13501-1, from 120 mm Bs1d0</li></ul>
GLOWING AND SMOULDERING BEHAVIOUR OF INSULATING CORE:	<ul style="list-style-type: none"><li>In accordance with test certificate from MPA Dresden &gt; 60 minutes.</li></ul>
STANDARD COLOURS:	<ul style="list-style-type: none"><li>In accordance with BASIC colour range</li></ul>
PANEL CONNECTION:	<ul style="list-style-type: none"><li>External, by overlapping of the profiles, whereby the non-foamed sheet of a panel is placed over the corresponding section of the next panel.</li><li>On the underside, by special shaping, whereby the complementary profile to the profile of one roof panel overlaps the profile of the second panel. The included seals offer additional reliability, achieving a reliably tight connection.</li><li>Capillary break (acc. drawing).</li></ul>
VAPOUR DIFFUSION:	<ul style="list-style-type: none"><li>Determined by climatic conditions inside building. Panels must be installed vapour tight.</li></ul>
PANEL INSTALLATION:	<ul style="list-style-type: none"><li>When working with our products, please follow our installation guidelines at <a href="http://www.brucha.com/downloads">www.brucha.com/downloads</a>.</li></ul>

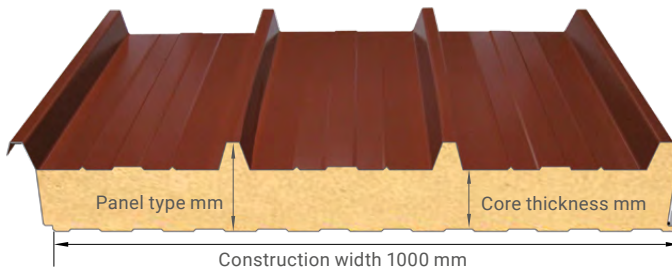
# BRUCHA<sup>®</sup>Panel

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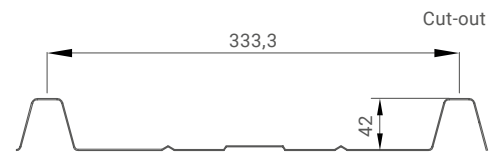
Minimum roof pitch 3° (5.2%) without transverse joint and penetration.



The ecologically sustainable panel with an insulating core  
Made from natural wood fibre - concealed mounting.

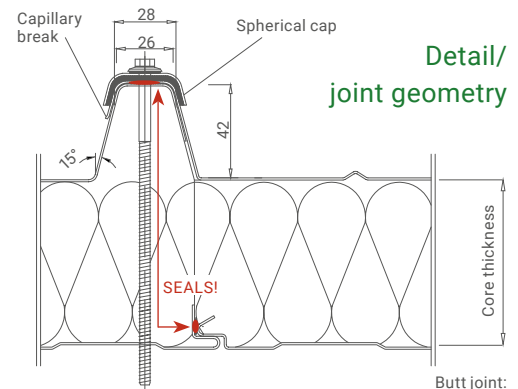


### TRAPEZOID PROFILE exterior



Panel type	DP-H 102	DP-H 122	DP-H 142	DP-H 162	DP-H 182	DP-H 202	DP-H 242
Core thickness mm	60	80	100	120	140	160	200
U-value W/m <sup>2</sup> K - EN 14509 including joint section	0.586	0.454	0.377	0.313	0.271	0.238	0.194
Weight kg/m <sup>2</sup>	17.3	19.5	21.7	23.9	26.1	28.1	32.2

<b>Manufacturing tolerances:</b>	In line with EN 14509
<b>Manufacturing lengths:</b>	Max. 15.6 m (extra-long transport from 13.6 m) ATTENTION! Danger of kinking due to heavy weight in the case of long panels!
<b>Fire behaviour:</b>	Acc. EN 13501-1, from 120 mm BS1d0



Butt joint:  
2 mm ± 2 mm tolerance

