

Wood fibre wall – WP-H

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



Standard DESIGN AND SURFACES

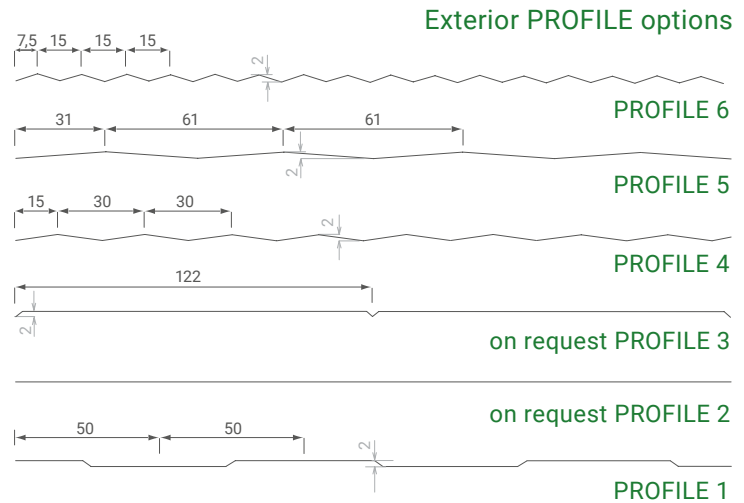
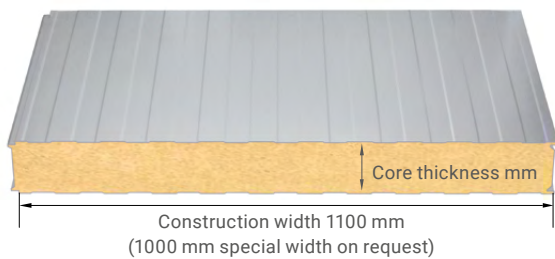
Coil-coated, hot-dip galvanised steel sheet

EXTERIOR:	<ul style="list-style-type: none">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).Profile 1 = Standard, for other profiles see WP-H profilesMetal gauge: 0.6 mm (smaller metal gauge on request)
INTERIOR:	<ul style="list-style-type: none">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).Profile 1 = standard (profile 2 and 3 on request)Metal gauge: 0.6 mm (smaller metal gauge on request)
INSULATION CORE:	<ul style="list-style-type: none">The wood for the wood fibre is sourced from responsibly managed forests and is independently certified according to the FSC[®] guidelines (Forest Stewardship Council[®]). Other materials: PUR resin and paraffinSecurely attached to the sheet steel shellGross density approx. 110 kg/m³
FIRE BEHAVIOUR:	<ul style="list-style-type: none">in line with EN 13501-1, from 120 mm Bs1d0
GLOWING AND SMOULDERING BEHAVIOUR OF INSULATING CORE:	<ul style="list-style-type: none">In accordance with test certificate from MPA Dresden > 60 minutes.
EXTERIOR AND INTERIOR STANDARD COLOURS:	<ul style="list-style-type: none">In accordance with BASIC colour range
PANEL CONNECTION:	<ul style="list-style-type: none">Tongue and groove system in which the panels interlink precisely with no thermal bridge.
EXTERNAL MONITORING:	National and international tests, quality standards
VAPOUR DIFFUSION:	<ul style="list-style-type: none">Determined by climatic conditions inside building. Panels must be installed vapour tight.
PANEL INSTALLATION:	<ul style="list-style-type: none">When working with our products, please follow our installation guidelines at www.brucha.com/downloads.

BRUCHA[®]Panel

Wood fibre wall – WP-H

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



Panel type	WP-H 60	WP-H 80	WP-H 100	WP-H 120	WP-H 140	WP-H 150	WP-H 160	WP-H 180	WP-H 200	WP-H 240
Core thickness mm	60	80	100	120	140	150	160	180	200	240
U value W/m ² K - EN 14509 including joint section	0.638	0.479	0.385	0.323	0.278	0.260	0.244	0.217	0.196	0.164
Weight kg/m ²	15.9	18.1	20.2	22.5	24.7	25.8	26.9	29.1	31.3	35.7

Detail/joint geometry

Manufacturing tolerances:	In line with EN 14509
Manufacturing lengths:	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!
Fire behaviour:	In line with EN 13501-1, from 120 mm Bs1d0

