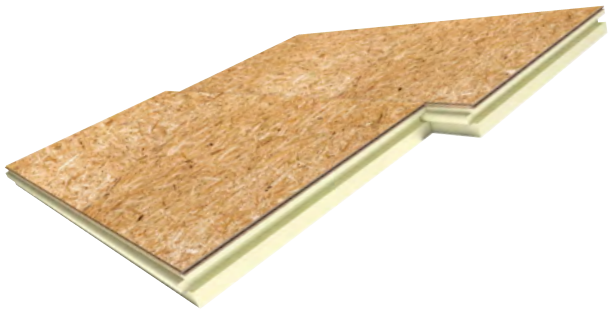
LINZMEIER
Insulate with system

Technical data

LINITHERM PAL OSB

Over-rafter Insulation system



Property	Formula symbol	Unit	Parameter and measured value	Standard
Material	-	-	Polyurethane rigid foam, coated with aluminium film on both sides	EN 13165
Application type	-	-	DAD	DIN 4108-10
Gross density	ρ	kg/m³	≥ approx. 33	-
Fire behaviour	-	-	Class E or normally inflammable	EN 13501-1
Thermal conductivity (D)	λ_B	W/(mK)	0.023	DIN 4108-4
Thermal conductivity (EU)	λ_D	W/(mK)	0.022	EN 13165
Compressive stress	σ_{D10}	N/mm² kPa	≥ 0.12 (at 10 % compression) ≥ 120	EN 826
Specific thermal capacity	c	J/(kg·K)	1400	EN 12524
Water vapour diffusion equivalent air layer thickness	s_d	m	Aluminium foil area practically vapour-proof sd > 1500	EN 12524
Water absorption of polyurethane rigid foam after 28 days of sub-water storage	-	Vol-%	1.0 to 2.5	EN 12087
Resistance of polyurethane rigid foam	-	-	Chemically resistant to petrol, diesel mineral oil, micro-organisms, mould, rot-proof	-
Thickness grades	-	mm	102, 122, 142, 162, 182	-
Edge connection	-	-	Tongue & groove pressfit joints on all sides	-
Overlap	-	mm	2420 x 580 (= calculation measurement)	-

Our brochures and information material are meant to provide advice to the best of our knowledge. Subject to technical modifications.

Declaration of Performance
001-LICPR-200801
www.linzmeier.de/downloads

CE

DIN EN 13165
Inspection: 0751 FIW München

ÜGPU GEPRÜFT PU

EMISSION TESTED pure life safety in comfort eco-friendly EMISSION TESTED

pure life is a seal of approval issued by the ÜGPU association

*„pure life"-certification applies to PU insulation board

Linzmeier Bauelemente GmbH
Industriestraße 21 D-88499 Riedlingen Tel.: +49 (0) 73 71 18 06-0
Schortentalstraße 24 D-07613 Königshofen/Thüringen Tel.: +49 (0) 3 66 91 7 22-0
Info@Linzmeier.de www.Linzmeier.de

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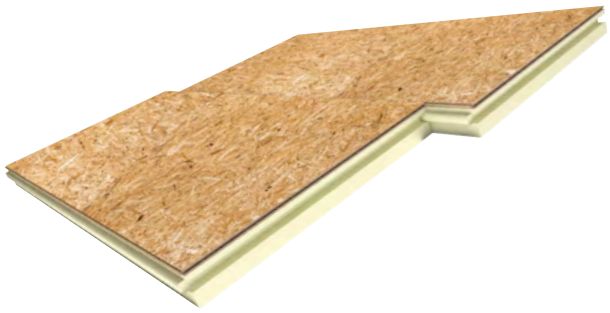
OSB panel

from LINITHERM PAL OSB



Property	Formula symbol	Unit	Parameter and measured value	Standard
Material	-	-	Plywood panel OSB 4	-
Surface finish	-	-	ContiFinish	-
Gross density	ρ	kg/m³	600	DIN 52361
Fire behavior	-	-	Class E or normally inflammable	DIN 4102
Thermal conductivity	λ_B	W/(mK)	0.13	EN 12524
Emission class	-	ppm	Formaldehyde-free bonding, E1	-
Wood material class / Usage class	-	-	100	-
Thickness swelling	-	%	≤ 12	DIN 52364
Water vapour diffusion resistance factor	μ	-	400	EN 13162
Nominal thickness of the plywood panel	d	mm	22	-

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Note: The details stated above apply under normal conditions of use of the products. They are based on our experience to date and do not represent an assurance of properties. Existing laws/directives/provisions are to be followed by the user at his own responsibility.

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