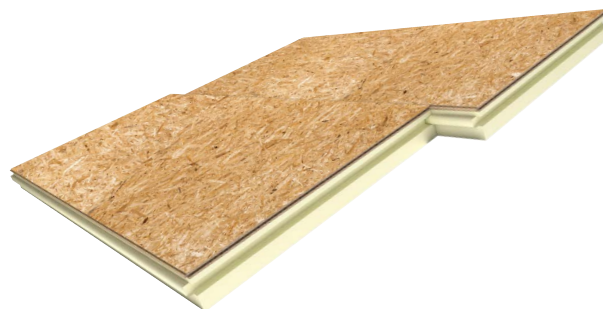


## Technical data

### 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  | $\rho$         | kg/m <sup>3</sup>        | ≥ approx. 33  | –           |
| Fire behaviour   | –              | –                        | Class E or normally inflammable   | EN 13501-1  |
| Thermal conductivity (D)   | $\lambda_B$    | W/(mK)                   | 0.023   | DIN 4108-4  |
| Thermal conductivity (EU)  | $\lambda_D$    | W/(mK)                   | 0.022   | EN 13165    |
| Compressive stress   | $\sigma_{D10}$ | N/mm <sup>2</sup><br>kPa | ≥ 0.12 (at 10 % compression)<br>≥ 120   | EN 826      |
| Specific thermal capacity  | c              | J/(kg·K)                 | 1400  | EN 12524    |
| Water vapour diffusion equivalent air layer thickness                          | $s_d$          | m                        | > 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 × 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](http://www.linzmeier.de/downloads)



DIN EN 13165  
Inspection: 0751 FIW München



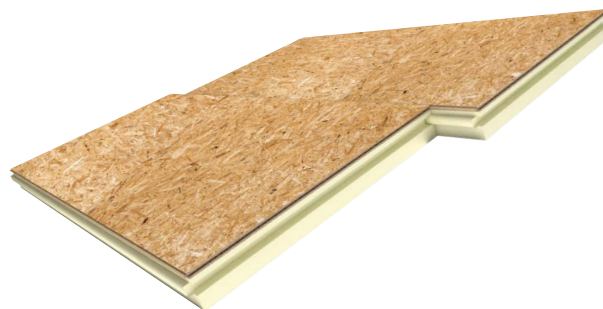
Meets the GHS requirements for prevention of hazardous substances in insulants. "pure life" is a seal of approval issued by the GSPU association.

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

## Technical data

# 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                            | $\rho$         | kg/m <sup>3</sup> | 600                             | DIN 52361 |
| Fire behavior                            | –              | –                 | Class E or normally inflammable | DIN 4102  |
| Thermal conductivity                     | $\lambda_B$    | W/(mK)            | 0.13                            | EN 12524  |
| Emission class                           | –              | ppm               | Formaldehyde-free bonding, E1   | –         |
| Wood material class / Usage class        | –              | –                 | 100                             | –         |
| Thickness swelling                       | –              | %                 | $\leq 12$                       | DIN 52364 |
| Water vapour diffusion resistance factor | $\mu$          | –                 | 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.