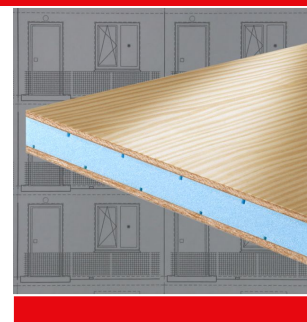


Plywood-Composite Panel

Type: SPE-XPS



Face sheet: plywood, three-ply
waterproof bonding AW 100 according to DIN 68705

- o surface untreated
- o surface peeled or sliced

Plywood-design:

Gabon B/BB sliced	Gabon A/BB peeled	Mahogany A/BB peeled	Pine A/BB peeled	Spruce A/BB peeled	Oak A/BB peeled
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- o coating recommendation for plywood surfaces must be obeyed (99.0002).

Core material: **Extruded polystyrene foam**

- o thermal conductivity 029
- o specific weight 32Kg/m³
- o compression strength 0,30N/mm² according to DIN 53421
- o humidity resistant
- o free of CFC and HCFC

Face sheet	(mm)	4,0	4,0	4,0	4,0
Core material, XPS-D	(mm)	16	20	25	30
Thickness	(mm)	24 ^{±0,5}	28 ^{±0,5}	33 ^{±0,6}	38 ^{±0,6}
U-value	(W/m ² x K)	1,29	1,09	0,92	0,79
*calculated with λ_B¹ acc. to DIN EN 4108-4					
Weight	(Kg/m ²)	5,0	5,2	5,3	5,5
Sound insulation value	(dB)	25 ²	25 ²	25 ²	25 ²

λ_B according to DIN 4108-4 and other XPS cores on request.

¹0,029 W/m·K

²laboratory value

Format: 2500x1700 mm Other formats and designs on request.

The holohedral bond with high shear and tensile strength allow for self-supporting use of **COSMO Tech** sandwich panels. Our installation and application guidelines (ref. 99.0001) must be strictly obeyed!

Tolerance limit definition of components according to DIN and/or EN respectively.

Our application instructions, installation- and processing guidelines as well as the product- and technical specification data are recommendations and can only be considered as nominal values under standard test conditions. They are descriptions of our products and services and do not constitute a legal guarantee. In view of the variety of purposes and circumstances for /in which our products can be utilised it shall be a matter for the user to undertake his own tests in order to ascertain the appropriateness of the products for the specific application. Technical support by us is given without obligation and shall not be subject to warranty. We reserve the right to implement changes to reflect technical progress.