

Excerpt from the COSMO® Plywood Product

made by weiss



Plywood PUR AL/4

Element structure

- 4mm of plywood, as per DIN 68 705, A 100
- 16mm PUR hard foam with double-sided vapour-diffusion tight aluminium film, WLG 025
- 4 mm of plywood, as per DIN 68705 705, A 100

U-value

1.12 W/m² x K

Size:

2500 x 1700 x 24mm



Plywood DSV

Element structure

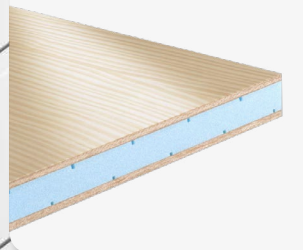
- 9mm of plywood, as per DIN 68 705, A 100
- 16mm PUR hard foam with double-sided vapour-diffusion tight aluminium film, WLG 025
- 4mm of plywood, as per DIN 68705 705, A 100

U-value

1.08 W/m² x K

Size:

2500 x 1700 x 29mm
2150 x 920 x 29mm



Plywood XPS

Element structure

- 4mm of plywood, as per DIN 68 705, A 100
- 16mm XPS hard foam WLG 030
- 4mm of plywood, as per DIN 68705 705, A 100

U-value

1.29 W/m² x K

Size:

2500 x 1700 x 24mm
2150 x 920 x 24mm



Plywood Design-Plywood

Element structure

- 9mm plywood, at least 5-fold bonded as per DIN 68 705, A 100

Size:

2500 x 1700 x 9mm
2150 x 920 x 9mm



Plywood smooth

Element structure

- 4, 9, 12, 15 and 17 mm plywood smooth, as per DIN 68 705, A 100

Size:

2500 x 1700mm

Also available in noise insulating and burglar-resistant design

Other plate designs, surfaces, dimensions on request.



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COSMO® Composite panels

Plywood composite panels



COSMO® Plywood composite panels



Plywood in its most beautiful form

We deliver COSMO® plywood and plywood composite panels in many types of wood and surface. If the surfaces are treated accordingly, they will be suitable for outdoor applications as well.

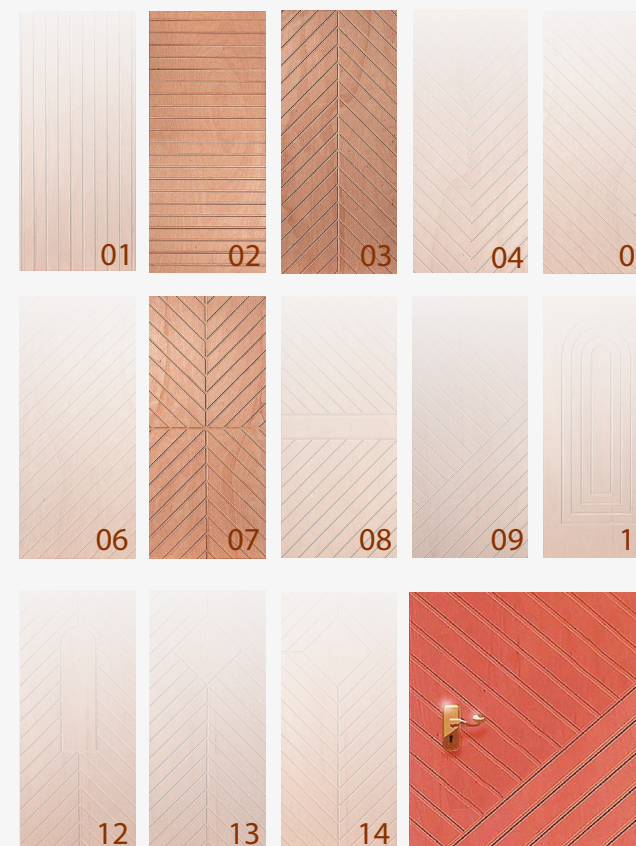
The covering veneers of the 9 mm design plywood elements have vertical, diagonal left/right or herringbone pattern. The milled design patterns are aligned in the direction of the veneer.

COSMO® plywood composite panels are being developed innovatively. On the basis of our technological competency and our user-oriented services, we are offering a customer-oriented market cultivation.

Fields of application

- Doubling up
- Front door panels
- Window breast elements
- Garage gate panels
- Façade design elements
- Ceiling coverings
- Partition elements
- Wall coverings

Standard designs - plywood elements



Size: 2150 x 920mm
Other dimensions on request



Production

We meet our customer's high requirements by applying our state-of-the-art production technology. If the surface design with CNC milling technology is required, or the highest requirements of technical specifications are to be complied with - we will always find an innovative solution.

Quality

A special bonding procedure is used to join materials certified as per DIN standard and monitored by quality-assurance systems to obtain shear and tension proof elements.

Please observe our installation and processing guidelines, as well as the instructions referring surface protection!

Covering veneers



Plywood composite panels



Barrier width 85 mm
(can be changed on request)

Core material

- **PUR/AL:** Polyurethane hard foam, continuously foamed with double-sided, vapour-diffusion tight aluminium film, WLG 025
- **PUR:** Polyurethane hard foam plates cut from block foam
WLG 030, WLG 035
- **XPS:** Extruded polystyrene hard foam, WLG 030, WLG 035
- **Wood fibre insulation plates:** WLG 050

Wood types for surface

Peeled veneer

- Gabon/Occumé

Sliced veneer

- Gabon/Occumé
- Sapeli-Mahogany
- Pine/Carolina
- Oak
- Spruce
- Larch

Other veneers and design on request