



WELDE-FORM POPLAR FILM FACED PLYWOOD TECHNICAL SPECIFICATION

Basic panel: Panels used in Welde-Form are made by using water-resistant phenol-based glue with E-1 emission. The panel gluing complies with the highest class 3 for moisture resistance and passes the 72 hour boiling test.

Film: Standard film is 120 gr/m² in brown colour. Availability of 220gr/m² and other films upon request.

Dimensions, mm: 2700/2500/2440 x 1500/1250/1220

Edges: The edges of the panels are sealed with water-resistant acrylic paint in brown color, which protects the wood from absorbing water.

Ultimate shearing strength 2,0 MN/m² (after one hour in boiling water)

Module of elasticity 5200-4200 N/mm²

Bending resistance 56-48 N/mm²

Surface resistance to wear (Taber rotations) 350-400

Thickness, number of plies and thickness tolerances:

mm	6	8	10	12	15	18	21	24	28
Number of plies	3	4	5	7	7	9	11	13	15
Maximum, mm (EN 315)	6,4	8,4	10,5	12,6	15,3	18,2	21,2	24,8	28,9
Minimum ,mm (EN 315)	5,6	7,4	10,7	11,2	14,3	17,3	20,3	23,3	27,3

Tolerance for thickness within one panel, mm: +/- 0,3

Tolerance for straightness (EN 315): 1mm/m

Tolerance for squareness (EN 315): 1mm/m

Moisture content (EN 322): (10% +/- 2%)

Welde-form film-faced plywood conforms to the parameters of EN 13986:2002 (Wood-based panels for external use as non-structural components). The plywood is CE certified.

WELDE Gesellschaft m.b.H.

Donaufelderstraße 216 · A-1220 Vienna · Austria · Tel +43(1)203 28 50-0 · Fax +43(1)203 28 50-20
E-mai | verkauf@welde.at · www.welde.at · UID 36785804 · Bankverbindung: Bank Austria Creditanstalt AG
Konto Nr. AT93 1100 0025 9328 2300 (IBAN) | BIC: BKAUATWW