

STRUCTAply™ 7mm Bendiform – Structural Plywood

Product Technical Statement

PRODUCT DESCRIPTION
AND INTENDED USE

STRUCTAply™ Bendiform 7mm 2400 x 1200 is not manufactured with a certified stress grade. It is indicatively graded to a F8 and is a 3 PLY CD construction covered on the C face with a CCFO overlay paper at 430gsm film weight (200gsm paper).

The following table gives bending radii for the various thicknesses of structural plywood and provides indicative guidance with regards to the workability and bending capabilities of non-overlaid plywood panels including 7mm.

RECOMMENDED MINIMUM
BENDING RADII FOR
PLYWOOD LININGS

Table 4-3

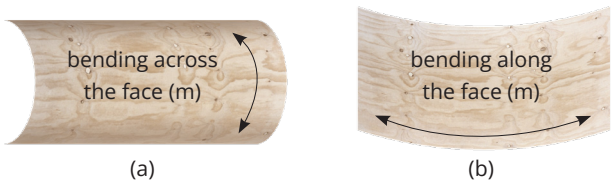
Nominal Thickness (mm)	Along Face (m)	Across Face (m)
4.5	1.1	0.6
7	1.8	1.0
9	2.3	1.3
12	3.6	2.4
15	4.6	3.0

Notes

- 1. These radii are theoretical values only and have not been verified experimentally.
- 2. Thicker panels require considerable force and increased fixings to pull and hold the panel in a tight radius.

Figure 4-1 shows the orientation of the bent plywood sheet with respect to the face of the sheet. There is an easy direction and harder direction to bend plywood.

Figure 4-1: Plywood sheet bent in the easy direction (a) and hard direction (b)



Reference: Extracted from the EWPAA’s Structural Plywood and LVL Design Guide

CONTACT

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