

# PROPERTIES OF HDF PANEL

Kaindl Info

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Chipboards have been in use as carrier panels since laminate floorings were first manufactured. However, in recent years the use of chipboards has been decreasing proportionally. Fibre panels, HDF panels in particular are becoming increasingly more popular with their homogeneous structure and the associated compressive strength.

## Properties of HDF Panels:

	HDF
Transverse Stress Resistance	x 1.0 N/mm <sup>2</sup>
Lifting Strength	x 1.0 N/mm <sup>2</sup>
Moisture Expansion 24 hours	< 15%
free formaldehyde	E1
Panel Moisture	4–6%
Distortion	free of tension

The respective panel offer the following advantages:

## HDF Panels:

- less receptive to moisture by virtue of closed pores
- higher compressive strength
- greater stability in groove and tongue areas