

# Prefere 6151



## Product description

- Prefere 6151 with hardener Prefere 6651 is a two-component adhesive system based on an emulsion polymer and an isocyanate hardener (EPI). It is used for gluing of wood to wood and wood to metal.
- Suited for a range of wood species

## Approvals

- Prefere 6151 is tested by **NTI** and **MPA** according to **EN 301/302** and **DIN 68141**. It is approved by **NLN** (Nordic Glulam Committee) and **DIBt** as adhesive **Type I** for laminating beams with a maximum glue line of 0,2 mm
- Prefere 6151 is approved by **KOMO** as an adhesives of **Type II** for load bearing timber structures with a maximum glue line of 0,2 mm. For finger jointing it is approved as a **Type I** adhesive.
- Prefere 6151 is tested according to the Japanese Standard **JIS K 6806** and approved by NTI for lamination of glulam of small and medium dimensions for the Japanese market.
- Prefere 6151 conforms to Durability class **D4** of the European standards **EN 204** with good margin.
- Prefere 6151 is also approved according to ASTM D 2559.
- Glulam beams laminated with Prefere 6151 is tested according to **EN 13823** by **CTBA** and has the classification D-s1, d0 according to the European standard for classification of the reaction to fire.

## Glue mix

- Prefere 6151: 100 pbw
- Prefere 6651: 15 pbw

## Curing methods

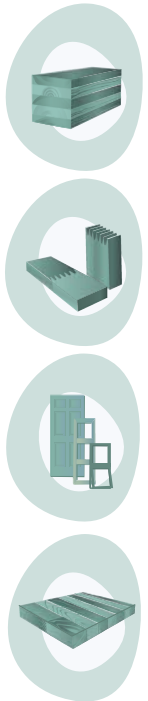
- Cold
- Hot
- RF

## Equipment proven to work

- *DWT*
  - Finger jointing
  - Surface gluing
- *Oest*
  - Finger jointing: Hydromix FE
  - Contact free application
  - Surface gluing: Hydromix FD
- *Mixon*
  - Finger jointing: Mixon 2400
  - Surface gluing: Mixon 2700

## Benefits

- Very good gluing properties
- Short pressing time
- Minimum smell from the glue mix
- Very good wash ability
- Cures at low temperatures
- No formaldehyde



Pressing time in minutes at different temperatures	
Glue line temperature->	20 °C
Window frames, table tops etc.	15 min
Glulam	30 min
Pot life in minutes	
	20 °C/65% RF
	45 min.
Assembly time in minutes	
	20 °C/65% RH
Closed	20-35 min

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