



APPLICATION

ENGINEERED
WOOD
SOLUTIONS



APPLICATION

Adhesives for Cross Laminated Timber (CLT)

Dynea AS
PO Box 160,
2001 Lillestrøm, Norway

Phone: +47 63897100
Email: dynea@dynea.com
Web: www.dynea.com
Dynea Leaflet-v 1.4



Dedicated to
wood adhesives

Adhesives for CLT

Cross-Laminated Timber (CLT) is constructed from solid wood boards, consisting of at least three bonded layers arranged at right angles. These panels are prefabricated according to the project design and delivered to the construction site with pre-cut windows and doors. Dynea provides CLT manufacturers with a range of adhesive technologies, including Melamine Urea (MUF), Polyurethane (PUR), and Emulsion Polymer Isocyanate (EPI).

The various technologies have different properties important for the gluing process. The overview on the side shows the portfolio and major advantages of the technologies.

Cross Laminated Timber



prefere[®]
by dynea

Adhesives for CLT

Examples of certified adhesive systems for the production of CLT according to the production standard EN 16351

MUF

Prefere 4546/5093
Prefere 4570/5070*
Prefere 4571/5071*

- + Cost efficient
- + Excellent heat and fire resistance
- + Excellent RF properties
- + Flexible regarding assembly time, pressing time, wood moisture content
- + * free formaldehyde <0,1%

EPI

Prefere 6182/6682
Prefere 6183/6683

- + Formaldehyde free
- + Flexible regarding wood moisture content
- + Curing speed

PUR

Prefere 6000

- + Formaldehyde free
- + One component system

Dynea's MUF adhesives have exceptional high temperature resistance ensuring predictable behavior during a fire, with no risk of second flashover or fall-off of charred layers.



**WE are
DEDICATED
to WOOD ADHESIVES**



For further details, please refer to our Technical Data Sheets, or contact us via dynea@dynea.com