



APPLICATION

ENGINEERED
WOOD
SOLUTIONS



APPLICATION

Multi Layer Boards

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Dynea Leaflet-v1.3



Dedicated to wood adhesives

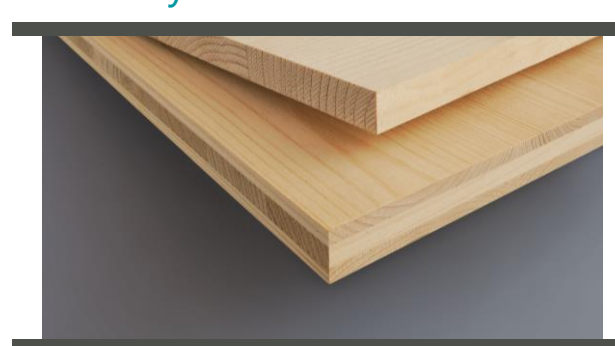
Multi Layer Boards

Dynea's new range of melamine urea adhesives (MUF) and emulsion polymer isocyanate (EPI) adhesives match the modern requirements to manufacture Multi Layer Boards (MLB) (3-Layer and 5-Layer Boards) as well as Solid Wood Lamination (SWL) panels (edge glued panels) with respect to working environment, operational efficiency and end product performance.

Features of the final products

The new generation of adhesives gives you the option to produce CE-labeled products, fulfilling the lowest emission requirements in the marked with <20 % of E1 with MUF, alternatively, formaldehyde free with EPI.

Multi Layer Boards



KEY BENEFITS - MUF and EPI

MUF:

- Not classified adhesive under CLP
- Free formaldehyde below 0,1% according to EN1243
- Bonding quality SWP/3 according to EN 13353
- Mix-in or separate, roller or string application
- RF and hot pressing
- CE-labeling of final product
- Suitable for a wide range of wood species

EPI:

- Formaldehyde free
- Bonding quality SWP/3 according to EN 13353
- Roller or string application
- Hot and cold pressing
- CE-labeling of final product
- Suitable for a wide range of wood species

prefere[®]
by dynea

Melamine Urea Adhesives

Prefere 4564
+ Not classified under CLP
+ Separate and mix-in application
+ Emission <20 % E1 (<0,02ppm)
+ SWP 3 bonding quality
+ Food safe certificate

Prefere 4564 is mainly used for production of Multi Layer Boards for structural and interior use. Several hardeners for mix-in and separate application are available and offer a full range from fast curing to long assembly-time systems depending on production setup. In addition to the above properties Prefere 4564 is specially suited for production of concrete shuttering boards with dry-out process.

EPI Adhesives

Prefere 6181
Prefere 6182*
Prefere 6183

+ Formaldehyde free
+ SWP 3 bonding quality
+ CE – labeling possible
+ Cold or hot curing

Prefere 6181 and 6182 is used to produce formaldehyde free MLB with the possibility of CE labeling. The two component mix-in system can be applied with roller or ribbon spreader.

Prefere 6182 and 6183 are approved for load bearing timber structures and the production parameters are similar to melamine urea systems used for this application.

*Prefere 6182 is JAS approved (F****)

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