



APPLICATION

ENGINEERED
WOOD
SOLUTIONS



APPLICATION

Wood adhesives for
special applications

Dynea AS
PO Box 160,
2001 Lillestrøm, Norway

Phone: +47 63897100
Email: dynea@dynea.com
Web: www.dynea.com
Dynea Leaflet-v 3.1



Dedicated to
wood adhesives

Wood adhesives for special applications

Prefere 4040

Prefere 4040 is a liquid phenol-resorcinol resin adhesive mainly used in the manufacturing of glued laminated timber structures and finger jointing for load bearing constructions. It may be cured under ambient or heated conditions, as well as radio frequency. Prefere 4040 gives absolutely weather resistant bonds. It is also well suited for gluing of LVL made of beech.

Prefere 4070-series

Prefere 4070-series are liquid phenol-resorcinol resin adhesives and fulfill the requirement for production of glued laminated timber and finger jointing according to JAS. The end products exhibit minimal emissions. Prefere 4070-series are well suited for radio frequency heating conditions. Variants of Prefere 4070-series allow differences in line speed and curing conditions.

Aerodux 185

Aerodux 185 is a liquid phenol-resorcinol resin adhesive known for its high strength and durability. It is used in the manufacture of load-bearing timber structures, fire-resisting doors, and heat-resistant composite structures. It can also bond various materials to porous substrates, including wood, mineral fiber boards, brick, concrete, expanded plastics, laminates, leather, cork, linoleum, nylon, and sheet metals. Once fully cured, Aerodux 185 is resistant to acids, weak alkalis, solvents, and boiling water.



Prefere 4094

Prefere 4094 is a liquid phenol-resorcinol resin adhesive used under conditions where a gap filling glue is needed, for example when the surfaces of the adherents are uneven or because the pressure available is insufficient to ensure thin glue lines. Prefere 4094 gives absolute weather resistant bonds, and examples of use includes nail gluing, block glued glulam and the gluing of various wood species.

Prefere 4546

Prefere 4546 with its family of hardeners is a fast setting and versatile liquid melamine urea adhesive suitable for applications ranging from GLT to CLT, structural finger joints, block glued glulam, I-Beams with a range of common softwood species, beech and birch. Prefere 4546 with hardener Prefere 5096 is suitable for bonding hardwoods like European oak or European ash for structural applications.

prefere[®]
by dynea

Prefere 4040

Certified according to EN 301:2023 and holds the following adhesive type designations:
+ EN 301-I-90-GP-0,6-M-w
+ EN 301-I-90-FJ-0,1-M-w
+ Approved according to JAS

Prefere 4070-series

+ Approved according to JAS

Aerodux 185

Certified according to EN 301:2023 and holds the following adhesive type designations:
+ EN 301-I-90-GP-0,6-M-w
+ EN 301-I-90-FJ-0,1-M-w
+ Approved according to JAS

Prefere 4094

Certified according to EN 301:2023 and holds the following adhesive type designations:
+ EN 301-I-90-GP-0,6-M-w
+ EN 301-I-90-GF-1,5-M-w
+ EN 301-I-90-FJ-0,1-M-w

Holds the German Technical approval Z-9.1-840 for the gluing of laminated timber and connections with glue line thickness up to 1,5mm

Prefere 4546

Certified according to EN 301:2023 and attested for use in Europe (EN 14080, EN 16351, EN 15497), United States (ANSI 405), Japan (JAS FAMIC), Australia and New Zealand (AS/NZS 4364). Together with hardener Prefere 5096 certified to bond hardwoods for structural applications.

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