

**LOCTITE**<sup>®</sup>

LOCTITE HB S PURBOND-LINE

# **MOST WIDELY ADOPTED MASS TIMBER POLYURETHANE STRUCTURAL ADHESIVE**



**Globally approved and in use since 2010, LOCTITE HB S structural adhesives systems are well-established in mass timber manufacturing.**

LOCTITE HB S supports the widest range of product grades, is adaptable to most wood species, and able to bond the broadest spectrum of engineered wood products.

The HB S Line belongs to the LOCTITE polyurethane adhesives, serving timber construction for over 30 years. All LOCTITE HB systems are adapted to manufacturers' operations and productivity goals.

**Their environmental benefits include:**

- › Low waste (due to precise dosing)
- › Cold pressing to ensure energy saving
- › Compliance with even the most stringent indoor air quality standards

Made without fibers, formaldehyde, or solvents, LOCTITE polyurethane one component systems create lasting bonds in high-performance, durable, premium-quality engineered wood products.



Henkel Adhesive Technologies



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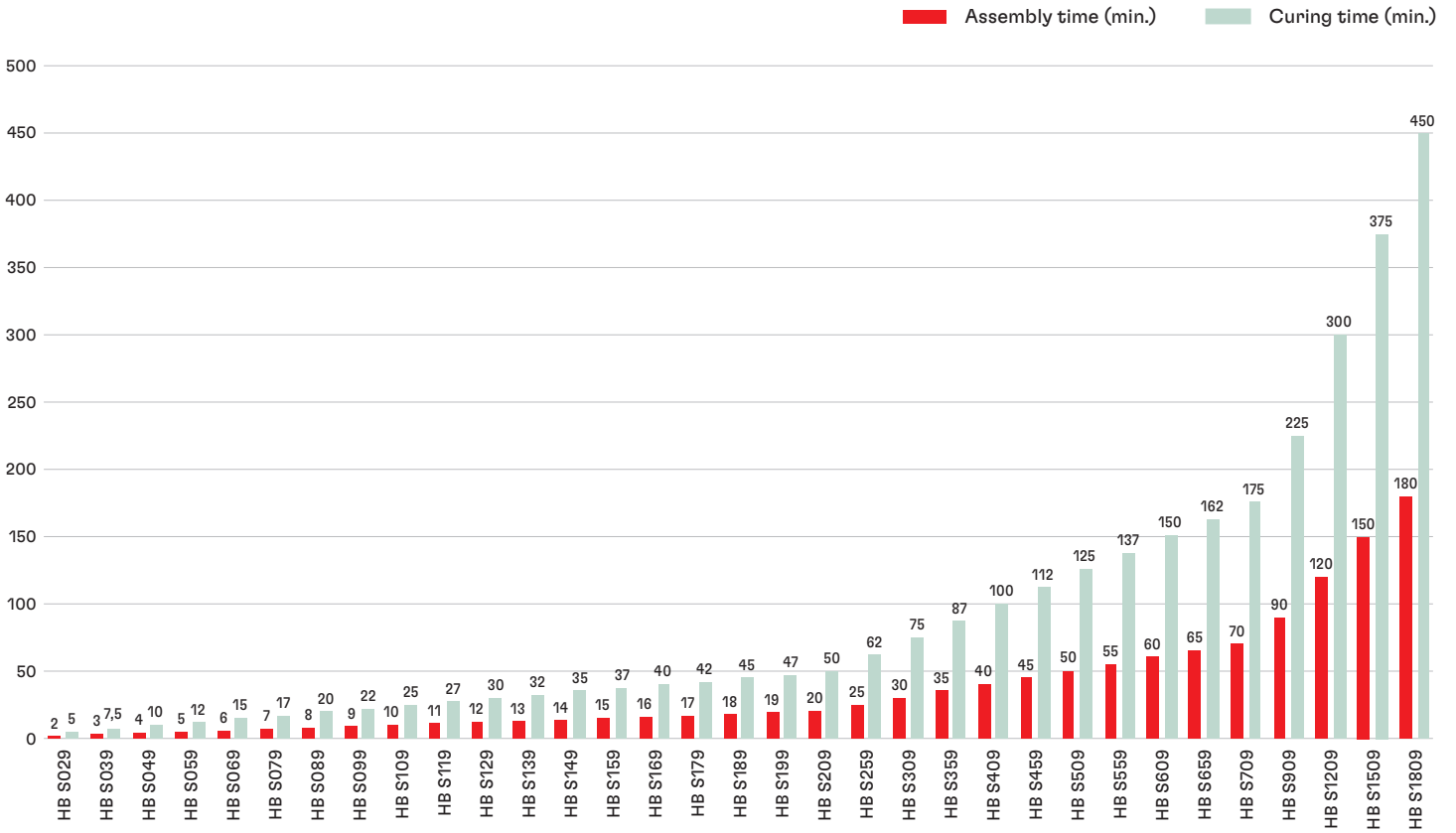
**Product Benefits**

- › EN 15425 I 90 GP 0,3 w adhesive approved for the bonding of 11 wood species.
- › Formaldehyde free – **JAIA 4 Stars**
- › Low VOC emissions – **M1 Emission Class**
- › Material Health Certificate – **Cradle to Cradle**
- › For manufacturing of glued-laminated timber (GLT), cross-laminated timber (CLT), finger-jointed timber, I-joist, solid wood panels

**Typical Applications**

Assembly time	2 – 180 min.
Press time	4 – 450 min.
Viscosity	20,000 – 32,000 mPa·s
Rheology	Thixotropic
Density	1.16 g/cm <sup>3</sup>
Filler	Non-abrasive
AT/PT ratio	1 : 2 - 2.5 (faster solutions possible)

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