

Tecbond 280

Version: Tecbond 280-TDS
Date of last issue: 15/07/2025
Date of first issue: 7/7/2015

General description

Tecbond 280 is an extra-long working time hot melt adhesive. Bonds can be adjusted up to 3 minutes after compression. Suitable for use in the construction industry and for product assembly applications. Tecbond 280 sets to give a tough, highly flexible bond.

Excellent adhesion to wood, metal, glass, ceramics, concrete and most plastics.

Please note that due to the delayed setting time some bonds may need to be held in place for up to 3 minutes.

Substrates*

- Wood
- Metal
- Glass
- Ceramics
- Plastics (not PP or PE)

Technical characteristics

Adhesive type: Synthetic polymer based hotmelt

Colour: Pale amber

Molten tack: High

Bulk Format: None

	12mm / 1/2"	15mm / 5/8"	43mm / 1 3/4"	Bulk
Carton QTY	5kg / 11lb	N/A	10kg / 22lb	15kg / 33lb
Suggested application temperature	195°C / 380°F	N/A	195°C / 380°F	160-180°C / 320-356°F
Brookfield viscosity @180°C (POW-12-VISC) spindle 27	3300cps	N/A	3300cps	3300cps
Ring & ball softening point (ASTM E28)	81°C / 178°F	N/A	81°C / 178°F	81°C / 178°F
Heat resistance (BS5350 Part H3)	70°C / 158°F	N/A	70°C / 158°F	70°C / 158°F

Open time	4 mins	N/A	4 mins	4 mins
Brittle point	-20°C / -4°F	N/A	-20°C / -4°F	-20°C / -4°F

Storage

Store in a clean dry place at temperatures between 5°C / 41°F and 30°C / 86°F with boxes closed. Do not expose to direct sunlight or localised heat sources such as radiators or hot pipes.

Shelf life

Manufacturer guarantees 5-year shelf life after date of manufacture in accordance with suitable storage conditions as mentioned above.

Methods of application

Bead Adhesive Applicator.

Removal of adhesive

Assembled components can be separated by heating assembly to a temperature slightly above the heat resistance figure.

EVA & Polypropylene: Residues of EVA and polypropylene based hotmelts can be removed from components with white spirit.

Polyamide: Residues of polyamide based hotmelt can be removed from components with acetone

Disclaimer

The information contained on this data sheet is for guidance only. It is the result of careful laboratory evaluations by trained and qualified staff using British Standard or similar test methods. However, no warranty is expressed or implied regarding the accuracy of the data or the suitability of the adhesive for any specific purpose. In every case, we strongly recommend that the user shall make their own test to determine to their own satisfaction the suitability of the adhesive for their particular purpose. Neither the seller nor manufacturer shall be liable for any injury, loss, damage, direct or consequential arising out of the use or inability to use the product. Further information is always available to help solve your adhesive problems. Should you require any further information on our adhesives please contact your nearest distributor.

*In every case, we strongly recommend that the user shall make their own test to determine to their own satisfaction the suitability of the adhesive for their particular purpose.

F.D.A. approved. All the constituent parts of this adhesive have been approved by the American F.D.A. under C.F.R. 21.175.105 (adhesives) (subject to limitations).