Power Adhesives **Technical Data Sheet**

Tecbond 248

Version: Tecbond 248-TDS
Date of last issue: 15/07/2025
Date of first issue: 7/7/2015

General description

Acrylic based clear hot melt adhesive that gives exceptionally good adhesion to many difficult to bond materials. Suitable for use in construction and product assembly applications.

Bonds to Metals, Concrete, Ceramics, Glass, Wood, Leather, Fabrics, Rubber and Melamine. Good bonds can also be achieved on many plastics such as PVC, Polycarbonate, ABS, Polyester, Polystyrene and Acrylics.

Sets almost instantly when compressed.

Tecbond 248 has been carefully formulated to give an excellent delivery rate through adhesive applicators such as the TEC equipment. This is important as a good tool output enables sufficient adhesive to be applied and bonds made very quickly maximising bond strength.

Substrates*

- **Metal**
- **Concrete**
- **Ceramics**
- **Glass**
- **Wood**
- **Leather**
- **Fabrics**
- **Plastic (not PP or PE)**

Technical characteristics

Adhesive type: Synthetic polymer based hotmelt

Colour: Clear

Molten tack: High

Bulk Format: Pillows

	12mm / ½"	***15mm / ⅝"***	***43mm / 1¾"***	***Bulk***
Carton QTY	5kg / 11lb	5kg / 11lb	10kg / 22lb	15kg/ 33lb
Suggested application temperature	195°C / 380˚F	195°C / 380˚F	195°C / 380˚F	180°-190°C / 356°F-374°F
Brookfield viscosity @180°C (POW-12-VISC) spindle 27	5000cps	5000cps	5000cps	5000cps

Ring & ball softening point (ASTM E28)	90˚C / 194˚F	90˚C / 194˚F	90˚C / 194˚F	90˚C / 194˚F
Heat resistance (BS5350 Part H3)	75˚C / 167˚F	75˚C / 167˚F	75˚C / 167˚F	75˚C / 167˚F
Open time	60 secs	60 secs	60 secs	60 secs
Brittle point	-10˚C / 14˚F	-10˚C / 14˚F	-10˚C / 14˚F	-10˚C / 14˚F

Storage

Store in a clean dry place at temperatures between 5ºC / 41°F and 30ºC / 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).