TACKFIX 180

Technical datasheet

General description

A unique construction quality hotmelt adhesive that will allow bonds to be adjusted up to 3 minutes after they have been compressed. Ideal when working to a line or making fine adjustments.

Suitable for use on Metal, Ceramic, Stone, Wood, Brick, Concrete, Tiles, Laminate flooring starter strips, Thresholds, Carpet, and Fibre cement board. It is also suitable for use on most Plastics (except polyethylene and polypropylene),

Applied to one surface it has up to a 3-minute open time depending on the surface temperature and volume of adhesive applied. Please note the faster / hotter the bond is made the greater the final strength.

Once the bond is compressed the adhesive immediately provides a high level of green strength, however unlike normal hotmelts a small amount of movement is possible for up to 3 minutes after compression. Please note this may mean parts need to be held or clamped for a few minutes to ensure they do not move after assembly.

TACKFIX 180 is formulated to provide class leading bonding strength on many surfaces.

Not suitable for outdoor use.

Technical characteristics

Adhesive type:	Synthetic polymer based hotmelt
Colour:	Pale amber
Molten tack:	High

	12mm	15mm	43mm	Bulk
Form	12mm x 250mm	15mm x 250mm	43mm x 43mm	
Sticks per kilo (approx.)	40	24	17	
Carton quantity	5kg	5kg	10kg	
Pallet weight	500kg	500kg	500kg	
Suggested application temperature	195˚C	195˚C	195˚C	
Brookfield viscosity @180°C (POW-12-VISC) spindle 27	3300cps	3300cps	3300cps	
Ring & ball softening point (ASTM E28)	81˚C	81˚C	81˚C	
Heat resistance (BS5350 Part H3)	70˚C	70˚C	70˚C	
Open time	Long	Long	Long	
Brittle point	-20˚C	-20˚C	-20˚C	

Storage	Store in a clean dry place at temperatures between 5ºC and 30ºC with boxes closed. Do not expose to direct sunlight or localised heat sources such as radiators or hot pipes.
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.

Please note

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.

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).