

General description

Tecbond 214B is a biodegradable packaging adhesive, formulated with 44% bio-based, sustainably sourced raw materials. The degradation process will occur in the presence of oxygen at a relatively slow rate. When the adhesive is exposed to Ultra Violet light the speed of the degradation process is greatly increased. The adhesive should be kept away from direct sunlight when not in use.

NOTE: Once degradation has begun, it cannot be reversed.

Certifications

Tecbond 214B has been EN13432 certified and tested to ASTM D6400 and D6954 standards.

Technical characteristics

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

	12mm	15mm	43mm	Bulk
Form	12mm x 300mm	15mm x 300	43mm x 43mm	
Sticks per kilo (approx)	34	20	17	
Carton quantity	5kg	5kg	10kg	
Pallet weight:	500kg	500kg	500kg	
Suggested application temperature	195°C	195°C	195°C	
Brookfield viscosity (POW-12-VISC) spindle 27	4200cps	4200cps	4200cps	
Ring & ball softening point (ASTM E28)	104°C	104°C	104°C	
Heat resistance (BS5350 Part H3)	75°C	75°C	75°C	
Open time	Short	Short	Short	
Low temperature flexibility (tg)	0°C	0°C	0°C	

Storage	Store in a clean dry place at temperatures between 5°C and 30°C with boxes closed. Do not expose to direct sunlight or localised heat sources such as radiators or hot pipes.
Removal of glue	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.
PUR:	Prior to cross linking adhesive can be removed with white spirit or ketone. Once fully cross linked the adhesive cannot be easily removed.

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).