

Wake up to Beardow Adams hot melt adhesives



We provide a high performance range of hot melt adhesives for the mattress industry globally.

Our superior range of adhesives enables manufacturers to improve product quality and product appearance.

Fantastic performance:

- > Low odour
- > Non-toxic
- > Non-fuming
- > Tough and resilient
- > Trouble free – consistent performance
- > Cleaner running
- > Safe to handle and use
- > Ability to reduce cost – no need for emission recovery systems.

Hot melt adhesive applications.

There are essentially two different methods:

- 1. Manual assembly.** Hot melt applied with a spray gun and the mattress is then man-handled to the next stage of the process. A high tack pressure sensitive is needed – high tack to ensure the components do not come apart during the subsequent handling; pressure sensitive to give sufficient time between application by spray and positioning of the covering layers.
- 2. Automated assembly.** Automatic in-line bonding allows a shorter open time for the adhesive than manual assembly; mattresses are moved to the next stage on conveyors etc. In this instance a range of adhesives including semi-pressure sensitive adhesives can be used.

Mattress types.

Our adhesives have the ability to bond all mattress types including open coil, pocket sprung and solid foam.

The mattress production process can involve a range of substrates – including foams, textiles, non-woven materials, metals and plastics – and a variety of applications, all with different adhesive requirements.

While others play catch up, we are already there.

Original thought may be rare, but it's something we have built our business on. Much of our success has come from our unique ability to develop innovative, quality-assured hot melts that are matched to the specific needs of our customers. The initial challenge may seem daunting, but we have the people, the resources and the capabilities to deliver time after time; developing clever, bespoke hot melt adhesives.

Mattress assembly.



Foam lamination.



Mattress construction.



Pocket springs.