

PRODUCT DESCRIPTION

DAT-SP830 is an industrial-grade spray adhesive designed for furniture and mattress manufacturing, with impressive initial bond strength, immediate tack, and superior heat resistance.

APPLICATIONS

DAT-SP830 can be applied to 1 or 2 sides using pressurised spray gun (1.5-2mm nozzle and 4 Bar of pressure).

Substrates can be bonded together almost immediately with fast initial tack or can remain open for up to 30 minutes before bonding.

PRODUCT CHARACTERISTICS

Appearance	Viscous Liquid Product
Colour	Golden Yellow
Base	SBR Rubber
Solid Content	30-35%
Viscosity	200-400 cps
Coverage	5-10m ² /kg
Open Time	30 seconds – 30 mins

STORAGE AND SHELF LIFE

Store in well-sealed containers. Keep satisfactorily for at least 1 year unopened. High temperature storage should be avoided and it is recommended to store within the temperature 4 to 30c and out of direct sunlight.



KEY BENEFITS

- ✓ Fast Initial Tack
- ✓ One Sided Application
- ✓ Strong Permanent Bond

PRIMARY SUBSTRATES

- ✓ Wood
- ✓ PU foam
- ✓ Rubber foam
- ✓ Leather and upholstery
- ✓ Synthetic fiber



PREPARATION

1. Ensure the substrates are clean and free from dust, grit, oil and grease.
2. It should be ensured that substrates are appropriately dry and the humidity level is below 70% in the application area. If condensation is present, delay bonding until the glue is moisture-free.
3. Very smooth surfaces should be abraded to promote adhesion.

APPLICATION DATA

Application temp	18°C - 50°C
Coverage	Up to 5m ² / kg in 2 sided application Up to 10m ² / kg in 1 sided application
Open/Working Time	30 seconds -30 minutes (depending on ambient conditions)
Drying Time	24 hours to full cure.
Cleaning	Clean excess wet adhesive from material and tools with DAT Thinners. Dried adhesive must be cut or scraped away. Clean hands with warm water and soap. DO NOT use solvents to remove product from skin.

METHOD GUIDE

1. Stir the adhesive thoroughly before loading into spray hopper.
2. Apply DAT-SP830 to 1 or 2 sides using a pressurized spray gun depending on porosity of the substrate and desired bond. In most cases 1 sided application will suffice but 2 sided bond should be considered in vertical applications or extreme conditions.
3. Substrates can be bonded together 30 seconds after application or up to 30 minutes after applying. Align surfaces in exact position and press together firmly.
4. Once substrates are joined – pressure should be evenly applied to the surface, starting in the center and working out to the edges. No clamping is required.
5. Trimming or finishing of materials may be carried out immediately after bonding. Allow at least 24 hours of curing time before exposing bonded assemblies to direct sunlight or temperatures over 60°C
6. For further information please contact the after sales department or refer to instructional videos.
7. Materials should be tested first with a small sample to evaluate the method prior to full scale production.

