



ADVABOND SC1000

Description

Advabond SC1000 is a high quality spray grade contact adhesive suitable for both flat laminating and post-forming applications. It has superior heat resistance and will bond a wide variety of surfaces including particle board, MDF, decorative plastic laminate, plywood, plasterboard, aluminium, mild steel and galvanised iron.

Advabond SC1000 has a good balance of open time and fast grab ensuring a robust product with a relatively wide operating window.

Typical Properties

Viscosity (Brookfield 4/20/25)	300-400 cPs
Total Solids Content	17-19 %
Relative density	approx 0.80 ó 0.85 g/ml
Heat Resistance	> 150°C
Drying Time	12-15 minutes
Open Time	20-30 minutes

Application Information

Advabond SC1000 is designed to be applied by spray equipment.

For optimum performance this product should be used within operating temperatures of 15°C to 30°C. Dilution is NOT recommended.

- Ensure substrates are free from oils dirt or grease.
- Metal surfaces should be wiped with Advabond SC Cleaner to remove oils often found on metal surfaces.
- The adhesive should be sprayed onto both surface to be bonded, aiming for approximately 90% coverage over the bulk of the area and 100% on the edges.
- Allow the adhesive to become touch dry (the adhesive should feel tacky but not transfer when touched with the back of your hand) before bonding. This will take up to 15 minutes depending on the porosity of the surface, temperature and humidity.
- When touch dry, position the surfaces carefully and bond together, applying firm pressure (276kPa (40psi) is recommended). This is best done using a nip roller or hand roller.

Limitations

Advabond SC1000 is unsuitable for use on polystyrene, polyethylene, highly plasticised PVC and copper (including copper alloys).

It should not be used for exterior or load bearing applications.

All information is based on results gained from experience and tests therefore believed to be accurate but is given without acceptance of liability for loss or damage attributable to reliance thereon as the required performance, production techniques and substrates used can vary significantly. Therefore it is imperative that a full evaluation is undertaken to confirm the suitability of the product before commercial production.



Cleaning

Clean up surfaces and equipment whilst adhesive is still wet using Advabond SC Cleaner.

Safety & Disposal

Refer to the Material Safety Data Sheet (MSDS) before handling or using this product

Storage

The product must be stored in accordance with relevant Dangerous Goods (Class 3) requirements. Product should be stored in its original container in a cool, well-ventilated place; out of direct sunlight between, 5°C to 25°C. Keep away from sources of ignition. No Smoking.

Rotate stock using oldest batches first. Close containers air tight after use. For best performance use product within 12 months.

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