

# DASA DS-503 Canister

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## Supplier

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## Features

- Methylene chloride free
- Uniform spray
- Fast easy application
- Very fast drying
- High solids
- Good temperature resistance
- Low odour
- Long open time
- Bonds a wide variety of substrates

## Product Description

**DS-503** is designed for bonding polystyrene to itself and various substrates including MDF, chipboard, plywood and other timber sheet materials. Also ideal for bonding insulation materials to concrete, metals and aluminium. Some constructions can be achieved with just one coat of adhesive. It will also bond to most common building materials such as plasterboard, aluminium, concrete, brickwork and steel.

**Do not use on flexible PVC.**

## Technical Specifications

Property	DASA DS-503	Property	DASA DS-503
Solvent	Hydrocarbon, acetone	Colour	Clear
Propellant	Ether	Coverage	~105m <sup>2</sup> (dry coat weight of 25gm <sup>-2</sup> )
Solids content (approx.)	35%	VOC	565g /l
Spray pattern	Web	Heat Resistance	70°C

## Storage

Protect from extremes of temperature in a controlled environment between 15 and 35°C, and away from direct sunlight. **Do not stand on a cold concrete floor.** Low temperatures can result in irreparable separation of the adhesive. Stored under the correct conditions, in original, unopened containers, the product will have a shelf life of 12 months.

**DO NOT ALLOW THE PRODUCT TO FREEZE**

### Directions for Use

#### USE IN A WELL VENTILATED AREA

1. Surfaces to be bonded should be clean, dry and free from dust and grease.
2. Substrates should be conditioned before assembly. Condition for 48 hours at 20°C with a relative humidity of 45-55%. Air should be able to circulate freely around the components.
3. Connect the hose to the canister and the spray gun to the hose and tighten the connections.
4. Open the valve on the canister. The valve should remain open until the canister is used up. Use the locking nut on the gun after use. Turning off the valve will result in the adhesive drying in the hose and gun causing blockages
5. Hold the spray gun at 90° to the surface and apply a uniform generous coat of adhesive, ensuring 90-100% coverage.
6. Move the gun in parallel to the surface and pay particular attention to the edges.
7. Allow the solvent to evaporate and the adhesive to tack up. The adhesive should be protected from contamination whilst this happens.
8. Carefully position the two substrates. Once brought together an aggressive bond will rapidly form.
9. Apply a uniform pressure over the work piece, starting in the middle and working outwards.
10. Whilst **DS-503** forms a very strong initial bond, a full cure will take up to 24 hours.

### Limitations

**DS-503** dries in two minutes under normal conditions, but this will vary under different temperatures and humidities. High humidity and low temperatures will slow the drying time and if the temperature gets very low, can produce bloom. Bloom is moisture which forms on the glue line caused by solvent evaporation lowering the air temperature above it.

### Disclaimer

*All the information in the Data Sheet is based on practical experience and is published in good faith. However, because we have no control over the manner or conditions in which our products are used, or over work undertaken or end product manufactured by the purchaser, we cannot accept liability for results.*

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