



Technical Data

Solvent	Hydrocarbon Acetone
Propellant	Ether
Solids content (approx.)	35%
Spray pattern	Web
Colour	Clear
Coverage (approx.)	105m ²
VOC	565 g/l
Heat Resistance	70°C
Open time	Up to 60 min.
Drying time	1-2 min.
Shelf life	12 months
Storage temperature	15°C - 35°C

DASA DS-503 Canister

Features

- Methylene chloride free
- Uniform spray
- Fast easy application
- Fast drying
- High solids
- Low odour
- Long open time
- Bonds to a wide variety of substrates

Properties & application

- 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, aluminium, plasterboard and brickwork.
- Some constructions can be achieved with just one coat of adhesive.

DO NOT USE ON FLEXIBLE PVC

Directions for use

1. Surfaces should be clean, dry and free from grease, oil and dust. Excessive dust will impair performance.
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. Spray one surface vertically the other horizontally.
6. Move the gun in parallel to the surface and pay particular attention to the edges.
7. Allow 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.
10. Apply a uniform pressure over the work piece, starting in the middle and working outwards, to ensure full contact.
11. Whilst **DS-503** forms a very strong initial bond, a full cure will take up to 24 hours.

Limitations

DASA 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.

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

Disclaimer

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