

Technical Data Sheet

Date of compilation: 21/10/2022

ARC SURFIX CONTACT SPRAY ADHESIVE

DESCRIPTION

Arc Surfix Contact Spray Adhesive will bond to a wide variety of subfloors including concrete, sand & cement screed, plywood, flooring grade chipboard and hordboard. It is ideal for permanent bonds that require good initial bond strength. It provides good temperature resistance and, if protected from contamination, has an open time of several hours. Arc Surfix Contact Spray Adhesive provides an aggressive, fast, strong and permanent waterproof bond. Suitable for use with synthetic backed, gel backed and felt backed carpets, carpet tiles, underlay and associated products. Always test a small sample of the materials first to ensure the suitability of the product for the application. For instance, some vinyls contain large amounts of plasticiser which, over time can migrate and soften the bond. Do not use on flexible PVC or expanded polystyrene.



DIRECTIONS FOR USE

- USE IN A WELL VENTILATED AREA.
- Surfaces should be clean, dry and free from grease, oil and dust. Excessive dust will impair performance. Concrete and screed floors should be fully cured with an efficient damp proof membrane. See BS CP102 and BS 5325. For best results the substrate and product should be bonded at temperatures between 15°C - 25°C.
- Asphalt and surface membranes must be covered with at least 3mm of good quality smoothing compound.
- Dusty or friable surfaces should be treated with a suitable primer. Underfloor heating should be turned off for 48 hours prior to and after the installation.
- Attach a suitable spray nozzle to the spray gun. Using a Spray Gun with a 40cm extension will allow the adhesive to be applied whilst standing.
- Connect the hose to the canister and the spray gun to the hose and tighten the connections.
- 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.
- Hold the spray gun 10-20cm away at 90° to the surface and apply a uniform coat of adhesive to both substrates, ensuring 80-100% coverage.
- When the adhesive is dry to the touch it is ready for the bond to be made.

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- Porous substrates may require two applications.
- Drying takes approximately 1 to 2 minutes depending on substrates, ambient temperature and humidity. Over spraying and pooling of the adhesive will increase drying.
- After spraying, remove the spray gun tip and rinse with solvent cleaner before it has cured.
- It is important to remember that Arc Suffix is a contact adhesive and forms a bond by sticking to itself, so there must be sufficient adhesive on both surfaces for this to happen.
- Allow the adhesive to tack up and protect from contamination whilst this happens. The adhesive is ready to bond when it feels dry to the touch and does not transfer. Bring the two substrates together and press from the centre out to exclude air. Roll floor coverings with 65kg roller.
- Keep the valve open and the hose attached to the canister until there is no more adhesive. If the hose is removed, clean through with solvent cleaner to prevent adhesive drying, which will cause the gun and hose to block. Turn the canister off before removing the hose.

STORAGE & SHELF LIFE

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. If the adhesive sprays like a jet the canister is too cold. Warm to at least 10°C before using.

DO NOT ALLOW THE PRODUCT TO FREEZE

Stored under the correct conditions, in original, unopened containers, the product will have a shelf life of 12 months.

TECHNICAL DATA

Solvent	Dichloromethane
Propellant	Hydrocarbon
Solids Content (approx)	25-30%
Spray Pattern	Web
Colour	Clear
Coverage (17kg canister)	≈128m ² (Dry coat weight of 25g/m ²)
Fire Rating	Class 0
Wheelmark Approved	Yes
VOC	718g/l
Heat Resistance	>100°C

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NOTE

All products should be sold in accordance with the manufacturer's instructions. The manufacturer cannot be held responsible where conditions of use are beyond our control. Full information and advice is freely available from our Technical Services Department e-mail technical@arcbuildingproducts.ie. Whilst any information contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents, or distributors, as the conditions of use and any labour involved are beyond our control. Our warranty is therefore limited to the quality of supplied product.