

Fosroc® Ductseal SB

High strength, solvent based paintable, flexible, fast setting, metal ducting

Uses

- Air conditioning duct work
- Aluminium window frames
- Bus and trailer bodies

Advantages

- Easy to apply
- Fast setting
- Excellent adhesion
- Can be painted over

Standards compliance

Ductseal SB has been tested to AS 1530, Part 3, 1982 (Test for Early Fire Hazard Properties of Materials) by the National Building Technology Centre, with results of 0,0,0,0 to 1.

Description

Ductseal SB is a fast drying sealant based on a blend of synthetic elastomers and resins. Ductseal SB may be used as a general purpose adhesive sealant for metal lap joints, and is also suitable for glass, timber, masonry and most other building and engineering components.

Ductseal SB is most commonly used in lap jointing and small joint sealing applications. Ductseal SB is not normally used in joints wider than 3 mm.

Properties

Data quoted are typical for this product, but do not constitute a specification.

Form:	Easily gunnable, thixotropic paste
Colour:	Grey
Physical or chemical change:	Dries through solvent loss
Application temperature:	Minimum 5°C
Skinning time:	Within 10 minutes at 25°C
Drying rate:	Within 24 hours for 2 mm bead
Water immersion:	Normally unaffected
Service temperature:	Up to 100°C
Joint size:	Primarily designed for rigid lap joints, also suitable for joints up to 3 mm wide
Chemical resistance to occasional spillage:	Good to aliphatic solvents or oils, salts, dilute acids and alkalis. Poor to aromatic solvents or oils

Application instructions

Surface preparation

All surfaces should be clean and dry, free of dust, oil, grease or other contamination. Where surfaces are in any way contaminated, wipe non-porous surfaces with a clean rag and a solvent such as Solvent 10. Porous surfaces may be lightly abraded with a wire brush then brushed clean.

Application

Cut cartridge nozzle to suitable size and angle, puncture membrane, fit into gun, and apply to surface. For lap joints, best results are achieved by applying Ductseal SB to the joint surface prior to combining the assembly, and then pop-riveting through the sealant to mechanically fasten the joint. Ductseal SB may also be applied over lap joints and into cracks or small joints. Where necessary, ensure sealant adequately contacts all surfaces by brushing or tooling the bead into corners, crevices, etc.

Ductseal SB can also be used as an adhesive to hold surfaces together. For wet bonds, apply Ductseal SB to one surface, bring surfaces together and use permanent or temporary mechanical fastenings to hold components together for at least 24 hours. To make wet bonds, at least one component of the assembly must be porous to allow solvent to escape.

As a contact adhesive, Ductseal SB is applied to both surfaces and all solvent allowed to evaporate (this takes from 5 - 30 minutes, dependent on spread, surface porosity, ambient conditions, etc.) then combine the components in the correct alignment. Apply pressure to the bonded area by hand, or use hammer and wood block, etc.

Note: some plastics and some surface coatings may be affected by the organic solvents used in Ductseal SB. Where any doubt exists of surface susceptibility to solvents, we recommend initial testing.

Painting

Ductseal SB may be painted if required, once the surface is dry. Most conventional paints may be used.

Estimating

Packaging

Ductseal SB is supplied in 300 ml cartridges, packed 25 to a carton.

Coverage

As a guide, one cartridge of Ductseal SB applied as a bead of 3 mm diameter will provide 42 metres of sealing.

Storage

12 months in original container stored in cool, dry conditions. Storage life is limited after seal is broken.

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Important notice

A Safety Data Sheet (SDS) and Technical Data Sheet (TDS) are available from the Parchem website or upon request from the nearest Parchem sales office. Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice.

Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Parchem does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.



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