

Technical Data Sheet

AS-1700 Air Duct Sealant



Physical Properties

Appearance:

Light grey synthetic rubber

Setting time:

24 hours depending on ambient temperature.

Tack-free time:

2 – 5 minutes at 30 °C

Color:

Light grey

Service temperature:

-10 °C to 50 °C

Storage:

Store in a dry and cool place with temperature below 30 °C

Shelf life:

12 months

Packaging:

Content	Quantity/ carton
4.0 kg pail	4
18.0 kg pail	1
20.0 kg pail	1
25.0 kg pail	1

Description

ALSEAL Air Duct Sealant is a smooth solvent-based indoor/outdoor air duct sealant for sealing fabricated joints, seams of sheet metal and other types of air ducts. It performs as a tough and flexible adhesive and sealant on the joints and seams, thereby effectively blocks the infiltration of gases, dust and other contaminants and the exfiltration of conditioned air. It is able to accommodate minor vibration and movement, stays flexible and does not crack. Excellent coverage rates can be achieved with easy brush-on application, hence provides low installation cost. Can be easily applied by brush, trowel, hand, spray or extrusion.

Applications

Ideal for sealing fabricated joints and seams of sheet metal air ducts, fibreglass duct board, thermal insulation, crawl space vapour barriers, house wrap, and other types of air ducts.

Features

- ♦ Fast cure
- ♦ Economical
- ♦ Excellent workability
- ♦ Crack and peel resistant
- ♦ Slump resistant
- ♦ Minimal shrinkage
- ♦ High solid content
- ♦ Indoor and outdoor usage

Technical Data

Solid content	: 84 ± 2%
Viscosity (HA 7, 5rpm)	: 600, 000 cPs – 750, 000 cPs
Specific gravity	: 1.47 ± 0.01
Solvent	: Highly flammable aromatic solvent
Adhesion	: Good adhesion onto metal, rigid PVC and concrete
Water resistance	: Good
Electrical	: Insulated
Flammability	: Dried film is non-combustible. Self-extinguish.

Usage Instructions

1. Surfaces must be clean, dry and free of dirt, grease, oil or water.
2. Apply a smooth even coat of sealant, keep brushing in the same direction. Do not apply more than 2 coats.
3. The sealant should be allowed to dry for at least 2 hours if over painting is required.
4. Clean tools immediately after use.

Caution

Highly flammable liquid and vapour. Causes skin irritation. May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe fumes. Use only outdoors or in a well-ventilated area. Wear protective gloves. Store in a well-ventilated place. Keep cool. Store locked up. Safety data sheet available on request.

Disclaimer

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