

# Duck-Seal

## Polymeric High-Velocity Duct Sealer

### Physical Properties

-Colour	Grey or Green	-Flammability	
-Solids by Weight	65% (approx.)	Wet	Non-flammable
-Weight	1.36 kg/l (approx.) (13.6 lbs./gal.)	Dry	Fire resistive
-Coverage	0.6 m <sup>2</sup> /l (30 ft <sup>2</sup> /gal.)	Flame Spread (CAN/ULC-S102) applied at 6.0 m <sup>2</sup> /l (300 ft <sup>2</sup> /gal.) on cement board.	
-Drying Time	1 to 3 days (depending on temperature & humidity)	Flame Spread	
-Service Temperature (coated face)	Minus 30°C to 65°C (Minus 22°F to 150°F)	Classification FSC1	7
-Application Temp.	Minimum 5°C (40°F)	Smoke Developed	<5

### Description

**Bakor Duck-Seal** is a polymeric emulsion based duct sealer supplied in a heavy brush consistency.

### Features

- Environmentally friendly
- Non-flammable during application
- Dries to a tough, flexible, fire-resistive film
- Water based, no solvent odours
- Good aging characteristics
- High pressure resistance

### Uses

Used to prevent pressure loss on joints and seams on metal duct work of air distribution systems with pressures up to 30 cm (12") of water.

### Pressure Test

The cured sealant was found to withstand pressures of 550 kPa (80 psi) under normal laboratory conditions when applied over a 5 mm (3/16") opening in a metal plate.

### Limitations

Allow **Bakor Duck-Seal** to cure fully at temperatures above 5°C (40°F) before pressure testing. Longer cure times are required under conditions of low temperature or high humidity.

### Preparation

Metal surfaces must be dry, free from dust, dirt, grease, oil or other contaminants.

### Application

**Duck-Seal** may be applied by brush, knife or flow gun. Apply sealer along inside edges of lap seams, to male ends of slip joints and between flanges of standing seams. After slip joints are securely coupled, apply a coating of **Duck-Seal** at least 50 mm (2") wide to cover seam and heads of fasteners. Reinforcing fabrics may be used over the joints.

**Duck-Seal**

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**Clean Up**

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For uncured film use water. Use mineral spirits for cured films.

**Avoid Freezing**

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During storage, application and before material has cured. If material is frozen, the containers should be thawed out in a warm area and the material examined prior to use.

**Caution**

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Harmful if swallowed. < >