

ALEXFLEX HT300

Sealant for High Temperature Construction Application



Description

ALEXFLEX HT300 is silicon sealant developed for sealing, bonding and repairing works where heat resistance is required. It reacts with atmospheric moisture to Produce an elastic tough silicone.

Uses

- Sealing heating systems.
- In heating devices.
- Heating elements in appliances.
- Sealing and bonding in stoves.
- In sealing chimneys.
- Other bonding and sealing applications where parts must perform at high temperatures.

Advantages

- Fast cure,high strength.
- Remains flexible at low and high temperature.
- 100% silicon
- Excellent heat resistance up to 250°C Permanently and up to 300°C intermittently.
- Will not crack, shrink or become brittle.

Surface preparation

- Joint surfaces must be dry, clean and free of all contamination, Glass, metal and other non-porous surfaces must be free of any coatings and wiped clean with solvent.
- Cut opens the cartridge, screw on nozzle and cut of tip at desired angle.
- Take off the aluminum cover at the bottom of the cartridge.
- Insert cartridge in gun and apply the sealant bubble-free continuously into the joint.
- Fill the joint completely. Smoothen it by pressing with a spatula or similar apparatus wetted in soapy water.

Properties

Colour	Red, Black and Blue	
Cure system	Acetoxy	
Application temperature	5°C to +40°C	
Temperature strength	Permanently 250°C Temporarily 300°C	
Specific Gravity	1.01-1.03	
Track free time	15-20 min	23°C
Curing Rate	Min 3mm/day	23°C

Guide to application

Storage:

ALEX FLEX HT300 can be stored in unopened container and away from heat and water.

Packing and sizes:

In 310 ml sausages.

In 24 Pcs cartons.

Shelf life:

Up to 12 months

Safety precautions:

Avoid application below 5°C.

Do not apply on frozen or wet surfaces or through standing water.

Guarantee:

All precaution is taken in manufacture of each product to comply with the standard of each material.

The data sheet for each product for information only and may be corrected and no liability is accepted for it.

The results may have variation because the method of their use condition under which they are applied cannot be anticipated.

Technical Service:

For any technical advice for using the **ALEXCHEM** contact the technical office.

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