

PRODUCT DATA SHEET

Sikacryl® Vent 188 VDI

Mould resistant pumpable sealant for ventilating ducts

TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

Chemical base	Acrylic dispersion
Cure mechanism	Evaporation of water
Color	Grey
Density (uncured)	1.5 kg/l
Solid content	75 %
Tack free time (CQP019-1)	30 minutes
Curing speed	24 hours 3 mm ^A
Shrinkage (DIN 52451)	25 %
Shore A hardness (CQP023-1 / ISO 48-4)	45
Application temperature	5 – 30 °C
Service temperature	-40 – 70 °C
Movement accommodation capability	± 10 %
Shelf life	12 months ^B

CQP = Corporate Quality Procedure

^A) 23 °C / 50 % r. h.^B) stored between 10 – 25 °C in sealed, original container. Protect against frost.
DESCRIPTION

Sikacryl® Vent 188 VDI is based on 1-component acrylic dispersion which cures through evaporation of water. It is used as a pumpable sealant for general work within the ventilation industry. The product is tested according to ISO 846, method A and C, formation of mould and algae and fulfil the demands according to VDI 6022-1.

PRODUCT BENEFITS

- Tested acc. to ISO 846, method A and C
- Can be processed with suitable membrane pump
- Does not crack during drying
- Water based - easy workability

AREAS OF APPLICATION

Sikacryl® Vent 188 VDI is used as a sealant for ventilation ducts, e.g. sleeve couplings, air-conditioning units, fume cupboards etc. Sikacryl® Vent 188 VDI has good adhesion to galvanized steel, metals, PVC piping, wood, concrete and glass. Sikacryl® Vent 188 VDI adheres also to humid and cold sheet metal. This product is suitable for experienced professional users only. Tests with actual substrates and conditions must be performed ensuring adhesion and material compatibility.

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METHOD OF APPLICATION

Surface preparation

Surfaces must be clean, dry and free from grease, oil, wax and dust. Loose paint, rust and oxide shall be removed before application.

Application

Sikacryl® Vent 188 VDI is usually applied by hand using corresponding tool or with air driven membrane pump. The sealant shall be pressed against the surface to avoid entrapment of air. Smoothing is performed with suitable tools, i.e. rubber- or steel- trowel directly after application. The bead shall be protected against water (rain) for at least 12 hours after application.

Removal

Tools are cleaned directly after use with water. Cured sealant is removed with acetone or mechanically. Hands and exposed skin have to be washed immediately using Sika® Cleaner-350H cleaning towels or a suitable industrial hand cleaner and water. Do not use solvents on skin.

FURTHER INFORMATION

The information herein is offered for general guidance only. Advice on specific applications is available on request from the Technical Department of Sika Industry. Copies of the following publications are available on request:

- Safety Data Sheet

PACKAGING INFORMATION

Unipack	400 ml
Bucket	20 l
Drum	200 l

BASIS OF PRODUCT DATA

All technical data stated in this document are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

HEALTH AND SAFETY INFORMATION

For information and advice regarding transportation, handling, storage and disposal of chemical products, users shall refer to the actual Safety Data Sheets containing physical, ecological, toxicological and other safety-related data.

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