



Vetoflex SA786

Single-component, acid-curing, ready-to-use silicone sealant

Uses

Can be used on all weatherproofing or bonding applications where protection against fungal growth is sought, such as:

- Jointing baths, sinks, showers, kitchen furniture, and urinals.
- Jointing ceramic tiles, plumbing fixtures or cold rooms.

Product Description

Vetoflex SA786 is a single-component, moisture-cured silicone sealant, acid-curing, which contains fungicide. It cures at room temperature to form a flexible, medium modulus watertight joint for general sanitary sealing.

Advantages

- Specifically formulated as a sanitary sealant for use in hot humid environments such as kitchens and bathrooms where resistance to fungal growth is necessary.
- Easily extruded and its rapid curing characteristics enable units to be quickly sealed and put into service. Its smooth, glossy appearance complements glazed sanitary ware and ceramic tiles.
- Adheres without primer to glass, ceramic, vitreous, surfaces, painted surfaces.
- It offers good resistance to most common cleaning products.
- Antifungal.
- Easy to apply.
- Good weatherability.
- Thixotropic (non-sag).

Standards Compliance

- ASTM C920 type S, Grade NS, Class 20 , Use NT.
- ISO 11600 - F - 20 - E LM.

Technical Data

Vetoflex SA786	Typical values (23°C / 50% RH)
Before Curing	
Type of sealant	Acetoxy
Colors	Translucent, bright white, bright black
Specific gravity, g/cm ³	0.97
Flow resistance, mm	0
Extrusion, g/min	260
Curing	
Skin formation time, min	10
Curing rate, mm / 1 day	3
Curing rate, mm / 3 day	6.5
Curing rate, mm / 7 day	10
Application temperature °C	+5 to +40
After Curing	
Shore A Hardness	20
Elastic recovery, %	95
Joint movement capability, %	20
Full Dry Time, days	7
Service Temperature °C	-30 to +120
Elongation at break, %	500
Modulus at 100% elongation, MPa	0.43
Tensile strength, MPa	2

SEALANTS AND JOINTS

Usage Instructions

Joint Dimensions

The movement capability of sealants as well as local regulations must be considered. Joint width should be twice the depth.

Joint Preparation

The joint faces to be bonded must be clean, dry and free from dust, oil, grease, old sealant and any traces of contaminant which may affect adhesion. Surfaces should be degreased with solvent soaked cloth and then wiped with a clean cloth. To remove dust, use oil-free compressed air.

Priming

For almost all substrates, Vetoflex SA786 no need for primer. Whether to use primer or not when applied on special substrates, prior test is recommended.

Sealant Application

For good performance it is essential that the sealant is only bonded to the two facing sides of the joint. To achieve this, install a backup material (closed cell polyethylene or open cell polyurethane foam). Apply the sealant in a continuous operation making sure all air pockets or voids are eliminated. Tool the sealant with light pressure to spread the material against the joint surfaces.

This operation should be done with a dry spatula before skin formation occurs.

Excess uncured sealant should be wiped and cleaned with a commercial solvent, cured sealant can only be removed by scraping (i.e. with a razor blade), or with a special silicone remover product.

Limitations

- Vetoflex SA786 must not be used on sensitive surfaces which could react with the acetic acid, which is released during cure, nor should it be used on materials where migration of constituents can take place, e.g. certain rubbers.
- Vetoflex SA786 must not be used for sealing aquariums (presence of fungicide).
- Vetoflex SA786 is not recommended where abrasion or physical abuse will be encountered.

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Hard copies of TDSs are printed once or twice a year. Our technical data sheets are continuously updated as per R&D improvements and new 3rd party testing; kindly refer to our website for the latest updated TDSs.

Packaging & Coverage

Product	Pack Size
Vetoflex SA786	300 ml/cartridge 24 cartridge/carton

Coverage		
Joint Width (mm)	Joint thickness (mm)	Length Filled / Cartridge (m)
6.0	6.0	8.3
10.0	6.0	5.0
15.0	7.5	2.7
20.0	10.0	1.5
25.0	12.5	1.0

Stated consumptions data are for general guidance. Actual consumption depends on the nature of substrate, method of application and wastage.

Shelf Life & Storage

The original sealed cartridges of Vetoflex SA786 have a shelf life of 12 months, provided it is stored clear of ground in a dry, shaded place below 25°C.

Health & Safety

Vetoflex SA786 is not classified as hazardous.

For information and advice on the safe handling, storage, and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological, and other safety-related data.

Additional Information

Saveto manufactures a wide range of construction chemicals and specialty products for various applications.

For further information on these products and systems kindly check our website or contact your local Saveto representative.