



ZETTEX

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TECHNICAL DATA SHEET

FR 200

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Product description

Zettex FR 200 is a single-part, neutral silicone sealant for fire-resistant sealing. This fire-resistant sealant is specially designed for sealing joints where a fire resistant layer is essential. Zettex FR 200 adheres excellently to a wide range of porous and non-porous substrates.

Material

Silicones

Advantages

- 4 hours fire-resistance
- No halogen, asbestos or solvents.
- Odourless.
- Neutral fast curing.
- High degree of elasticity.
- Excellent primer-free adhesion for a wide range of construction materials
- Very good resistance to UV, the weather and ageing.
- Long life.

Application instructions

- Fire-resistant expansion joint sealant for construction and glazing applications. For example:
- Prefabricated panels, curtain walls, façades and partition walls.
- Ventilation and flues, cable pipework, pipelines.
- Installation of glass in a fire-resistant wall.
- All applications where fire protection is needed.

The surfaces must be clean, dry and free of grease and dust. Neither may there be any old sealant residues on the surface. Although the FR 200 adheres excellently to most common surfaces it is recommended to first carry out a test. A primer may first be applied for optimal adhesion to some surfaces. Residues that have not properly hardened can be removed with Zettex Profireiniger. Hardened residues can be mechanically removed. It is not advised to use Zettex FR 200 on bituminous surfaces or on building materials on which oil substances are present. No adhesion possible to PE, PP and PTFE. It is advised to first carry out a test on unknown materials. FR 200 cannot be painted over.

Available forms

Tube 310 ml

Safety recommendations

This technical information does not contain an MSDS (Material Safety Data Sheet). You must first fully read the MSDS before using this product.

Shelf life

12 months in unopened packaging. Store at temperatures between 5°C and 25°C.

System applications

Zettex Fire Resistant Line

Certificates

- EN:15201-2
- EN:1366-4
- B-s3,d0
- EN:13823
- EN-ISO: 11925-2
- ISO 11600 F+G – 25LM
- DIN 18545 E
- SNJF Cat 1 – 25E



Properties	Specifications
Raw material	Single-part oxime silicones
Odour	Odourless
Consistency	Porous
Specific gravity	+ - 1.25 g/ml
Skin formation time	+ - 20 minutes (at 23°C; 50 % R.H.)
Curing time	+ - 2-3 mm after 24 hours (at 23°C; 50 % R.H.)
Temperature for use	Between 5°C and 40 °C
Shore hardness	25
Movement absorption	+ - 25 %
Modulus at 100 % stretch	0.38
Tensile strength	1.60 MPa.
Skin formation at 23°C	10 minutes
Temperature resistance	-40°C to +150°C

Joint seals

Value according to EN 1366-4

Classification according to EN 13501-2

Width (mm)	Depth (mm)	Integrity (min.)	Insulation (min.)	Classification according to EN 13501-2
10	8	180 (*)	180 (*)	E 180 EI 180-V-X-F-W 00 to 10
10	8	180 (*)	180 (*)	E 180 EGG 180-T-X-F-W 00 to 10
30	15	240	194	E 240 EI 180-V-X-F-W 00 to 30
40	10	240	164	E 240 EI 120-V-X-F-W 00 to 40
40	20	240	240	E 240 EI 240-V-X-F-W 00 to 40
60	30	240	240	E 240 EI 240-V-X-F-W 00 to 60
100	30	240	240	E 240 EI 240-V-X-F-W 00 to 100
100	30	180 (*)	180 (*)	E 180 EI 180-T-X-F-W 00 to 100
150	30	240	240	E 240 EI 240-V-X-F-W 00 to 150

(*) Test is stopped after 3 hours