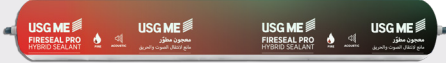


USG ME FIRESEAL PRO HYBRID SEALANT



FEATURES & BENEFITS

USG ME Fireseal Pro Hybrid Sealant is a fire retardant, elastic and paintable hybrid sealant. Fireseal Pro Hybrid Sealant is fire resistant for up to 4 hours in linear (movement) joints. Absorbs up to 25% of movement.

- Tested according to EN 1366-4
- Up to 4 hours of fire resistance
- Suitable for wall/ceiling and wall/floorconnections
- Suitable for joints up to 30 mm wide-Certified for steel/wooden frames
- Certified for all metal stud connections
- Excellent processing and easy toolability
- Joint movement up to 25%
- Paintable with most water based andsynthetic paints
- Non corrosive towards metals-Resistant to UV, water and weather

APPLICATION

USG ME Fireseal Pro Hybrid Sealant was specifically developed for fire-resistant sealing of connection and expansion joints in construction, which, in case of fire, should have specific fire resistance and prevent the spreading of fire, smoke, and toxic gases—also certified for horizontal joints, connection floor/ceiling with wall, wooden, and steel frames, stony substrates, and all metal-stud applications. Fire resistance tested according to EN 1366-4 for up to 240 minutes in a joint of 30 mm wide.

DIRECTION OF USE

A joint with the correct dimensions can absorb movements between building materials. The joint depth should always be appropriately related to the joint width. A general rule is that the ratio of joint depth to the width of the joint with a joint width up to 10 mm is 1:1, with a minimum of 5 mm in width and depth. For joints more comprehensive than 10 mm, the depth is the width divided by 3 plus 6 mm.

SHELF LIFE

In unopened original packaging between +5°C and +25°C, shelf life is up to 18 months from production date, stored in a dry place.

LIMITATIONS

- Not suitable for continuous exposure to water
- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates

STORAGE

- Store material in a cool, dry place. Avoid direct sunlight.
- Maintain temperature above 5°C.
- Shelf Life: Up to 18 months under protected storage conditions.
- Keep out moisture.
- Avoid dew point conditions or excessive moisture.

PAINTABILITY

USG ME Fireseal Pro Hybrid Sealant is paintable with water based and synthetic paints. We recommend testing compatibility with paint prior to application.

CLEANING

Tools to be cleaned after use with water. Hands can be cleaned with Wipes and/or water and soap. Cured material can only be mechanically removed.

PRODUCT DATA

Property	Reference	Product Data
100 % modulus	DIN 53504 S2	0,49 N/mm ²
Application rate	@ Ø4 mm/4 bar	115 g/min
Application temperature		+5°C to +40°C
Base		Neutral silicone
Curing time	@ +23°C/50% RH	2-3 mm/24 hours
Density	ISO 1183-1	1,48 g/ml
Elongation at break	DIN 53505/ISO 868	350%
Flow	ISO 7390	<2 mm
Joint movement		25 %
Shore a hardness	DIN 53505	24
Skin formation	DBTM 10.00	10 minutes @ +23°C/50% RH
Temperature resistance		-40°C to +120°C
Tensile strength	DIN 53504 S2	0,96 N/mm ²

These values are typical properties and may vary +/-3%

HEALTH & SAFETY

- Product Safety Data Sheet must be read and understood before use. These are available on request and via our websites.
- Dust may cause irritation to eyes, skin, nose, throat and upper respiratory tract. Avoid irritation by reducing exposure to dust. Use in a well-ventilated area or provide sufficient local ventilation.
- Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment.

COMPLIANCE

Comply with:

- EN 1366-4
- EN 15651-1: F-EXT-INT-CC 25HM
- EN 15651-2: G- CC 25HM
- A+ French VOC Regulation

REFERENCES

For further health and safety instructions, refer to the Safety Data Sheet (SDS) for this product, available from your USG Middle East sales office or **USGme.com**

Disclaimer:

Information contained in this document is subject to change without prior notice due to our ongoing product development. We recommend referring to the website **usgme.com** for the most up-to-date and accurate product information.

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