

PYRO MATE SILICONE



Colour	Product Code	Pack Size	Box Qty
White	PRYWE	C3	12

Product Description

Pyromate is a neutral cure, elastic silicone sealant which conforms to the DIN4102 standard for fire retardancy and has a fire rating of up to 4 hours in certain joint configurations (EN1366 Part 4 – NBN713.020). Conforms to ISO11600 class: F 25LM. Also conforms to SNJF norms.

- Fire rated to EN1366 Part 4
- CE Marked as a Fire Stopping and Fire Sealing Product under ETAG 026 Part 3 (Linear joint and gap seals) under European Technical Assessment 13/1059
- Neutral cure – adheres to most building surfaces, porous and non porous
- Permanently flexible (25% movement accommodation)
- Excellent weathering characteristics – suitable for internal and external use.
- Can be used in joints up to 30mm wide.
- Acoustic rated to BS EN ISO 140/3. Tested for air permeability to EN13141-1 Ventilation for buildings. Performance testing of components/products for residential ventilation

Benefits

- Fire rated to EN1366 Part 4
- Neutral cure – adheres to most building surfaces, porous and non porous
- Permanently flexible (25% movement accommodation)
- Excellent weathering characteristics – suitable for internal and external use.
- Can be used in joints up to 30mm wide.
- No priming required for most construction substrates
- Non slump - easy to apply and tool off.

Areas For Use

- All building and glazing joints which require a fire rating.
- Sealing joints, voids and irregular holes in fire walls, partitions and other structures; also for maintaining the integrity of pipes and cables that penetrate them.
- Fire rated expansion joints.

Limitations

- Do not use on surfaces that bleed oils or plasticisers or in contact with bitumen or asphalt.
- Do not attempt to sand down. Finish smooth as per directions.
- Not overpaintable

Surface Preparation

All surfaces must be clean, dry and dust free. All loose or flaking surface coatings, and old sealant and mastic joints, should be removed before application.

Application

The surfaces to be must be clean, dry and free from dust, grease and other contaminants. Improve adhesion by wiping surface with EVERBUILD GLASS CLEANER allowing all solvent to evaporate before applying sealant. Priming is generally not required, although we always advise testing small areas prior to use. Large voids should first be filled with EVERBUILD FIREFOAM B1 for maximum fire rating.

Cut the tip of the cartridge taking care not to damage the thread. Apply nozzle and cut at an angle of 45° with an opening slightly larger than the gap to be sealed. Apply using a standard sealant gun. Best results will be obtained by keeping an even pressure on the trigger and keeping the gun at a constant angle to the surface being sealed. To ensure a proper bond, always smooth the sealant down with a spatula or piece of wood wetted with linseed oil or white spirits. An improved joint appearance can be achieved by placing masking tape to both sides of the joint, removing within 5 minutes of application

Single seal joints should be on the fire rated side of the structure.

Specific Data

Slump:	Nil in joints up to 30mm, 0mm to ISO7390
Max Joint Width:	30mm
Hardness	25-30 (Shore A)
SG	~1.35g/cm ³
Tack free time:	20 minutes
Joint movement:	+ - 25% of original size
Cure rate:	1-2mm/24hrs at 50% Relative Humidity 23°C
Service Temperatures:	-40 - +140°C
Cleaning:	Uncured white spirits; cured Sealant SILICONE EATER

Health & Safety

Consult MSDS for full list of hazards

Storage

Store in cool dry conditions between + 5°C and 30°C. PROTECT FROM FROST

Shelf Life

12 months from date of manufacture.

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