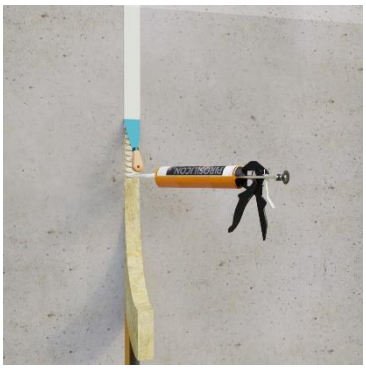
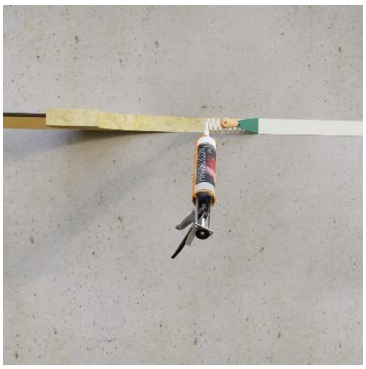
PIROSILICON 240

FIRE PROTECTIVE SEALING SILICONE FOR:
EXPANSION JOINTS

More information about the product can be found at:
https://www.pirosystem.eu/fireproof-silicone-pirosilicon-240

PRODUCT OFFICIAL DOCUMENTS	
European Technical Approval:	**ETA-22/0564**
Declaration of Performance:	**PIRO/007/02-08/2023**
Certificate of Constancy of Performance:	**1488-CPR-1017/W**

PRODUCT TECHNICAL DATA	
Fire resistance class:	**up to EI 240**
Reaction to fire:	**B-s1,d0**
Color:	**white**
Environment class:	**Z1, Z2**
Storage temperature range:	**from +5°C to +30°C**
Shelf life:	**12 months**
Theoretical amount to obtain a 1 mm thick coating:	**1,93 kg/m²**
Packaging:	310 ml cartridge

TECHNICAL DESCRIPTION:

PIROSILICON 240 is a non-flammable and self-adhesive silicone mass, intended for restoring the fire resistance of rigid walls with expansion joints. It is used to fill expansion joints together with PIROFOAM 240 or mineral wool in rigid walls made of concrete, aerated concrete, reinforced concrete, bricks or blocks with a density of not less than 600 kg/m^3. The silicone mass can be applied directly to PIROFOAM 240 G fire-rated expanding foam, PIROFOAM 240 W fire-rated expanding foam or mineral wool according to EN-14303 or EN-13162 used as a gap filling material.

INTENDED USE:

PIROSILICON 240 is intended for fireproof sealing:

- Horizontal expansion joints in building partitions constituting fire partitions with a possible displacement of up to ± 7.5%
- Vertical expansion joints in building partitions constituting fire partitions with a possible displacement of up to ± 7.5%

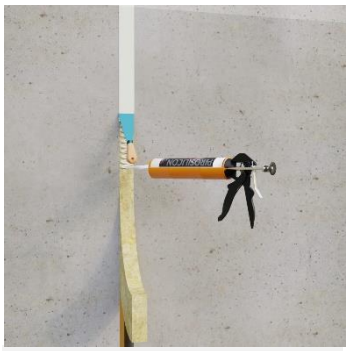
ADDITIONAL INFORMATION:

Works with silicone should be carried out on a clean, degreased, dry surface at an ambient temperature above +5°C, with proper ventilation.

APPLICATION

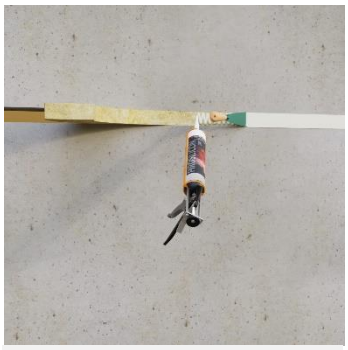
Ensure that all the surfaces are clean, dry, sound and frost free (external application) clean all joints thoroughly to ensure that the adhesion of the silicone to the substrate is not impaired. It may be necessary to mask adjacent areas to prevent contamination and to ensure a neat sealant line. Masking tapes should be immediately removed after tooling and finishing. Install backing materials as required and commence to fill the cavity or void with silicone. The joint should be tooled within 5 minutes of the application to ensure good a contact between the silicone and substrate. Tooling of the sealant also gives a smooth and professional finish. Excess silicone should be cleaned off and non-porous surfaces.

APPLICATION OF PIROSILICON 240 ON EXPANSION JOINTS



Fill the empty space with mineral wool and apply a layer of PIROSILICON 240 on both sides of wall

Cross-section of vertical expansion joint filled with mineral wool and a layer of PIROSILICON 240



Fill the empty space with mineral wool and apply a layer of PIROSILICON 240 on both sides of wall

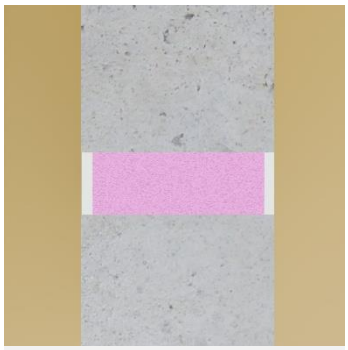
Cross-section of horizontal expansion joint filled with mineral wool and a layer of PIROSILICON 240

APPLICATION OF PIRO FOAM 240 AND PIROSILICON 240 ON EXPANSION JOINTS

Fill the empty space with **Piro Foam 240** and apply a layer of PIROSILICON 240 on both sides of wall

Cross-section of already filled with **Piro Foam 240** and PIROSILICON 240 vertical expansion joint

Fill the empty space with **Piro Foam 240** and apply a layer of PIROSILICON 240 on both sides of wall



Cross-section of already filled with **Piro Foam 240** and PIROSILICON 240 horizontal expansion joint

More information on applications and instructions can be found at:
https://www.pirosystem.eu/fireproof-silicone-pirosilicon-240

Health and safety recommendations:
The product is intended for use by professional companies in industrial conditions. Work related to the installation of the product should be carried out in accordance with the applicable health and safety and environmental protection regulations. Before starting work with the product, read the Product Safety Data. Sheet.

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The above information is based on our current knowledge and experience. We provide them in good faith. However, due to the variety of methods and conditions of application, they should be verified in specific applications. Therefore, the manufacturer's liability and obligations beyond the conditions set out in the applicable standard are excluded.