

# ACRILFUOCO 240

Fire resistant acrylic sealant



## DESCRIPTION

Acrilfuoco 240 is a high quality one-component acrylic sealant in water dispersion specially developed for sealing joints with fire resistance requirements. After application, the product forms a soft elastoplastic rubber by evaporation of the water from the sealant.

**Certified and tested according to:**

*EN 15651 – 1: Type F – INT – EXT*

*EN 1366-4*

*SNJF A+*

*EMICODE EC 1 PLUS*

## APPLICATION FIELDS

Suitable for internal and external sealing, it adheres to a wide range of substrates (including wet ones) such as concrete, cement, plaster, masonry, wood, etc. In case of fire, it avoids the spread of flames and smoke, allowing an effective contingentation of spaces in combination with fire doors, expansion joints, pipes and ducts, etc.)

## FEATURES

- Fire resistance tested according to EN 1366-4
- Fire resistance class: EI 240 (certificate YE 1692 - 1 - RA)
- Can be applied individually in joints up to mm 20 wide
- Can be combined with fire rated polyurethane foam in joints up to 30 mm wide
- Reduces unwanted air flows
- For indoor and outdoor applications.
- Paintable with water-based or synthetic paints
- Not corrosive to metals
- Excellent workability

## TECHNICAL DATA

<b>Colour</b>	Grey, white
<b>Specific gravity [g/cm<sup>3</sup>]</b>	1.6
<b>Skin forming time [min]</b> (23°C, 50% R.H.)	10
<b>Crosslinking speed [mm]</b> (23°C, 50% R.H.)	2
<b>Application temperature [°C]</b>	5 ÷ 40
<b>Volume shrinkage [%]</b>	< 20
<b>E-Modulus 100% [N/mm<sup>2</sup>]</b>	0.25
<b>Joint movement capability [%]</b>	7.5
<b>Shore A [°]</b> (DIN 53505)	20
<b>Temperature resistance [°C]</b>	-25 ÷ 75

## APPLICATION

The surfaces must be clean, free from friable parts, ice, etc. Within 20' of application, smooth carefully (with water) to ensure effective contact with the surfaces. The dimensions of the joint can vary between 5x10 mm and 20x13 mm. Use curbs in PE or non-combustible materials (rock wool, ceramic or mineral fibers), keeping in mind that fire resistance depends on the specific shape of the joint.

Do not apply in case of rain, if necessary protect the joint for at least 6 hours.

Not suitable for direct contact with water.

## PACKAGING

PE-cartridge 300ml; 12 cartridges per box

Sausage 550 ml, 20 pieces per box

## STORAGE AND SHELF LIFE

Acrilfuoco 240 can be stored for 24 months in its original packaging (unopened container); protect from frost.

Keep away from wet areas, direct sunlight and heat sources.

## GENERAL INFORMATION

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The information contained in this technical data sheet is to the best of our knowledge correct, being based on our knowledge and experience to date and cannot be used as a guarantee, due to the various different materials present on the market and the fact that the application conditions are not under our direct control and supervision. NPT srl, however, guarantees constant product quality. NPT srl, has the right to modify or up-date this technical data sheet according to requirements. Customers are kindly requested to verify that they are in possession of the latest version.

ALWAYS CONSULT THE MATERIAL SAFETY DATA SHEET BEFORE USING THE PRODUCT