

# K-FLEX K-FIRE SEALANT A PLUS

## DESCRIPTION

K-FLEX K-FIRE SEALANT A PLUS is a fire resistant, water based acoustic acrylic sealant designed for use in internal applications where a low movement fire resistant and/or acoustic joint is required.

## APPLICATIONS

- Construction joints in fire separating walls and floors;
- Acoustic seals around perimeters of fire resistant partitions; dry linings; etc.;
- Gaps behind fire resistant door casings;
- Seating for fire resistant grills; intumescent pipe closers; etc.;
- Around metallic pipes and other small service penetrations.

## CHARACTERISTICS AND FEATURES

K-FLEX K-FIRE SEALANT A PLUS is a fire resistant, intumescent acrylic sealant that forms a durable, flexible and resilient acoustic seal:

- Up to EI 240 fire resistance;
- Independently tested and assessed according EN 1366-3:2009, EN 1366-4:2006 and BS 476 Part 20:1987;
- Fire tested in conjunction with various common building materials;
- Independently sound tested in the range 46dBA and 55dBA on structures with sealed 10mm and 25mm joints - no reduction in supplier's specified STC or RW partition performance levels, for most internal partitioning systems;
- Suitable for Horizontal/Vertical low movement joints ( $\pm 7.5\%$ );
- Nontoxic;
- Halogen free;
- Mould resistant;
- Good adhesion to most common building materials (brick; concrete; plaster; plasterboard; wood; anodized aluminium; etc.).

## INSTALLATION

- Surfaces must be dry, clean and dust free.
- At temperatures between  $+5^{\circ}\text{C}$  and  $+40^{\circ}\text{C}$ , apply sealant firmly into the joint, ensuring a good solid fill is achieved.
- The maximum recommended joint width 25mm. Insert a backing material to control depth of sealant to 1:1 depth to width ratio.
- For optimum acoustic integrity, the recommended gap size is 10mm wide (maximum) by 10mm depth (maximum) - on both sides of the partition.
- Tool joint surfaces with a spatula (which can be moistened with water) within 30 minutes of application.
- K-FLEX K-FIRE SEALANT A PLUS may be painted over after one hour.
- Store in dry conditions between  $+5^{\circ}\text{C}$  and  $+30^{\circ}\text{C}$  and protect from freezing.

## SAFETY

- Irritating to eyes;
- Wear suitable protective clothing, gloves and eye and face protection Use only in well-ventilated areas;
- Avoid contact with skin and eyes;
- Adopt usual standards of industrial hygiene practice.

## **LIMITATIONS**

It is the user's responsibility to determine suitability of use. It is recommended that a sample test be undertaken before use, as a primer may be required on certain substrates.

K-FLEX K-FIRE SEALANT A PLUS is not to be used to seal aquariums, swimming pool joints, in food contact applications or for structural glazing applications.

Since the product is applied under circumstances beyond our control L'isolante K-Flex SpA can accept no direct or consequential liability, whether in contract or in tort, for the interpretations of such recommendations and reserves the right to modify the recommendations as necessary.