



## CHARACTERISTICS

- Non-toxic, water-based, one component acrylic sealant
- Intumescent sealant
- Tested to BS 476 : Part 20 : 1987 and prEN 1366-3 : 1998 in vertical joints up to 50 mm wide.
- The sealant maintained its integrity during the test period (241 minutes) with temperatures rising to 1150°C
- Has a certain acoustic insulation value
- Can be painted

## APPLICATIONS

- Ideal for fire rated construction movement joints with an elongation of up to 15 %
- Can be used on all porous surfaces such as wood, brick, concrete, etc.
- Can be used for the sealing of connecting joints in the building industry, around doors and frames, etc.

TECHNICAL CHARACTERISTICS	
<b>Uncured sealant</b>	
Type of sealant	Acrylic
Vulcanising system	Evaporation of water
Skin forming time (23°C and 50% R.H.)	65 min
Vulcanisation rate (23°C and 50% R.H.)	0,5 mm/24h
Density : ISO 1183	1,64 g/ml
Processing temperature	+5°C - +40°C
Shelf life, in the original packing in dry conditions between +5°C - +25°C	Min. 12 months
<b>Cured sealant</b>	
Shore A hardness : ISO 868	32
Elastic recovery : ISO 7389	<50%
Deformation capability : ISO 11600	7,5%
Modulus at 100% elongation : ISO 8339	0,12 N/mm <sup>2</sup>
% Elongation at break : ISO 8339	180%
Temperature resistance	-30°C - +100°C. Loses elasticity above 100°C but keeps its integrity (joint protection) up to 1100°C.

PACKING AND COLOURS
25 cartridges of 310 ml/box - 48 boxes/pallet
White

Other colours are available on request (75 cartridges or multiples).

## METHOD OF USE

### Preparation

All surfaces should be dry, clean and free from dust or grease. When necessary, degrease with **Parasilico Cleaner**, MEK, or alcohol. It is recommended that apply a small test area prior to general use.

### Application

Apply with use of standard sealant applicator gun. Joint design is essential for the fire rating properties of the sealant (see test dimensions).

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## Joint dimensions

Joint width	Joint depth	Backing material	Integrity	*Insulation
50 mm	25 mm	PU foam tube	241 min	78 min
20 mm	10 mm	Ceramic fibre (20 mm thick)	241 mm	70 min

\*time during which the temperature has increased to 180°C at the back side of the backing material

### Tooling

When needed with DL100 or tools.

### Cleaning

Before curing: With water.

After curing: Mechanically or with **Parasilico Cleaner**

### Repairing

With the same product.

## SAFETY

Safety data sheet available on request.

## LIMITATIONS

Cannot be used for joints that are permanently exposed to water.

## TECHNICAL APPROVALS

BS 476 : Part 20 : 1987 and prEN 1366-3 : 1998



<b>CE</b>
14 DL Chemicals
EN 15651-1 F INT No. DoP: MP0060025



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

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