



**CHARACTERISTICS**

- Fire retardant, high-quality plasto-elastic sealing kit
- Tested to BS 476: Part 20: 1987 and prEN 1366-4: 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
- Intumescent: foams up if in contact with fire
- Can be painted when cured
- Chlorine, halogen, phthalate free

**APPLICATIONS**

- Can be used for the sealing of indoor connection joints around doors, frames, in the building industry... where high requirements are set regarding fire safety.
- Ideal for fire rated construction joints with moderate movement (maximum 7,5%).
- Suitable for all porous surfaces (wood, stone, concrete, plaster...) and metal, ceramic tiles and hard PVC.

**TECHNICAL CHARACTERISTICS**

Uncured sealant	
Type of sealant	Acrylic dispersion
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 after 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	12 months
Cured sealant	
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%
Sound Reduction Index: EN ISO 10140-2:2010	55 dB
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

**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).

This technical data sheet replaces all previous editions. The data on this sheet have been compiled according to the last laboratory report. Technical characteristics can be changed or adapted. We are not responsible for any incomplete information. Before use, one needs to ensure that the product is suitable for his application. Therefore, tests are necessary. Our general conditions apply.

## 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 min.	70 min.

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

## Tooling

Smooth with water, spatula or putty knife before skin formation.

## Cleaning

Before curing: with water.

After curing: mechanically or with **Parasilico Cleaner**.

## Repairing

With the same product.

## SAFETY

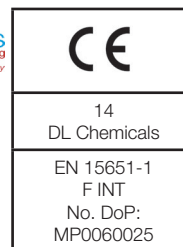
Safety data sheet available online at [www.dl-chem.om](http://www.dl-chem.om)

## LIMITATIONS

- Cannot be used for joints that are permanently exposed to water.
- Do not use as a glazing sealant.
- During the first days of vulcanization, a maximum movement of 5% is allowed.
- Repaintability / varnishing: first do a compatibility test. The varnishes need to be elastic.

## TECHNICAL APPROVALS

BS 476: Part 20: 1987 and prEN 1366-4: 1998



\* 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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