

## KANGAROO FIRE RATED FOAM (KSF515)

### Description

**KANGAROO FIRE RATED FOAM (KSF515)** is one-component polyurethane foam to be used with a gun or straw. It is hardened by air humidity. Provides good sound and thermal insulation. It adheres well to most construction materials such as wood, concrete, porous concrete, brick, metal and aluminum, but not to polyethylene, silicone and PTFE. It is used in construction industry (especially when greater resistance to burning is required.) For sealing, filling, insulating, fixing and mounting (of window and door frames). It enables quick filling and sealing providing protection against cold, draught and noise.

### Advantages

- Fire rated Foam (B1).
- Excellent adhesion.
- Provides good thermal and sound insulation.
- Resistant to water and ageing.



### Properties

Specific Gravity	22-26 kg/m <sup>3</sup>
Temperature Resistance	-40°C to +90°C
Hardening Time	1.5-5 hrs. Depending on Temp. and humidity
Tack free time	5-10 min.
Flammability Class DIN 4102-1	<b>B1</b> 240 minutes flame resistance
Thermal Conductivity	0.039 W/m K @ 20°C
Elongation at break	15-20%
Tensile Strength	0.12-0.14 Mpa
Compression Strength	0.04-0.05 Mpa
Water absorption	Max. 1% (vol)
Volume	750 ml (in can) 33-38 L (freely foamed)



## Way of Use

- Surfaces should be clean, free of dust, grease and other impurities.
- Dry and porous surfaces should be moistened with water.
- The optimal temperature of can at work is room temperature.
- At lower temperature put the can into warm water with max. temperature of 40°C for about 20 minutes.
- Before use shake can thoroughly with the valve upside down.
- During foam application hold the gun in vertical position.
- Hardened foam residues in front of the nozzle can be removed only mechanically.
- Please note that the foam would expand 30–50%. If you are filling a gap wider than 5cm, work in layers. Apply the second layer once the first one has hardened.
- You can speed up the process of hardening by spraying the foam with water.

- Once hardened, foam should be protected against UV light. Once the foam has hardened, cut it with a sharp knife and finish with plastering, sealing, covering, Kangaroo cleaner. Hardened foam can only be removed mechanically.

## Cautions:

### *KANGAROO FIRE RATED FOAM*

(KSF515) is extremely flammable

Harmful by inhalation.

Irritating to eyes, respiratory system and skin.

May cause sensitization by inhalation and skin contact.

## Storage

### *KANGAROO FIRE RATED FOAM*

(KSF515) has a shelf life of 18 months

The best storage temperature is between

5°C and 25°C. Store in tightly closed

original container in a dry, cool and well-

ventilated place. Keep away from

heat, sparks and open flame.