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#### DESCRIPTION

Macsim® Fire-resistant PU FireFoam is a one-component, self-inflated, high extrusion capacity, multi-purpose Polyurethane foam. It is very good for filling and sealing with excellent mounting capacities, high thermal and acoustical insulation. It is fire resistant and blocks harmful combustion gases from spreading.

#### FEATURES

- Fire retardant.
- 4 hours fire rated
- Cured foam can be cut, sanded, plastered or painted.
- Efficient seal against smoke and gas.
- Excellent adhesion on most substrates (except Teflon, PE and PP\_)
- High thermal and acoustical insulation.
- Very good filling capacities
- Can be painted after full cure
- 100% CFC Free



#### RECOMMENDED USE

Excellent adhesion to stone, brickwork and concrete. Floors and Joints; Connections Seams; Partition Walls; Ceiling; Pipes & Wires; Window & Door Frames; Around Pre-fab elements; 100% CFC Free.

#### APPLICATION INSTRUCTIONS

1. Ensure surfaces are clean, dry and free from dust. Use mechanical or solvent cleaning methods, i.e Methylated Spirits or similar to prepare surfaces.
2. Fill vertical gaps from the bottom up.
3. Turn off the flow adjustment screw clockwise with PU cleaner either with gun or adapter.
4. Cleaning of the screw adapter with cleaner is recommended.

#### LIMITATIONS

Not recommended for structural fitting and the following:

- To surfaces that are in direct contact with food.
- Areas of constant water immersion.
- Structural glazing.
- Joints where abrasion and physical abuse are encountered.
- Will not adhere to some plastics such as polyethylene, polypropylene and Teflon.
- Contact with solvent based contact glue.

#### PROPERTIES

<b>Appearance</b>	Compressed Liquid	<b>Odour</b>	Low Odour
<b>Consistency</b>	Stable foam	<b>Skinning time</b>	15-25 minutes
<b>Drying time</b>	>15 hours	<b>Application temperature</b>	+5 to°C +40°C
<b>Yield (expansion rate)</b>	45-50	<b>Service temperature</b>	-50°C to +90°C
<b>Cutting time</b>	1-2 Hours	<b>Compressive strength</b>	185 kPa
<b>Fire class (DIN 4102)</b>	B2	<b>Cellular structure</b>	60-65% open cells
<b>Tensile strength</b>	38 kPa (10%)	<b>Gravity</b>	15-22 kg/m&s up3
<b>Adhesive strength</b>	120 kPa		

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**STORAGE & SHELF LIFE**

Store in a cool, dry, well ventilated area away from direct sunlight ( between +5°C to +27°C)).  
18 month shelf life in unopened, original container if stored under recommended conditions.

**HEALTH & SAFETY**

**First Aid:** SKIN: If on skin wash with plenty of soap and water. If skin irritation or rash occurs get medical advice. Take off contaminated clothing and wash before use. EYES: If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical advice. SWALLOWED: Do not induce vomiting, rinse mouth thoroughly with water and get medical advice. INHALED: Remove patient to fresh air and keep at rest in a position comfortable for breathing. Contact poisons centre if experiencing respiratory symptoms.

**Contact a doctor or poisons information centre (Phone Australia 13 11 26; Phone New Zealand 0800 764 766)**

**Safety:** Keep out of reach of children. Obtain special instructions before use. Read label before use. Keep away from heat/sparks/flames/ hot surfaces. Do not spray on open flame. Pressurized container: do not pierce or burn, even after use. Avoid breathing gas and fumes. Use only outdoors in well ventilated area. Wash face and skin thoroughly after use. Wear respiratory, gloves and eye protection. Keep contaminated clothing at work.

**PACKAGING**

Available in 750ml can

Product Details: 53FRF (

**DISCLAIMER**

The information in this Technical Data Sheet (TDS) is based on our present knowledge to the date of the publication. However, this shall not constitute a guarantee for any specific product features and shall not establish a ;legally valid contractual relationship. It is only a guide for safe handling, use, storage, transporting and disposal of the product.

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