

# weber foam FR

## Fire resistant polyurethane foam

Technical Data Sheet  
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### ■ Description

Polyurethane based, single component, fire resistant filling and insulation foam.

### ■ Advantages

- Perfect adherence
- High filling capacity
- High heat and sound isolation
- B1 class fire resistance
- Effective isolation against gas and smoke

### ■ Application areas

- Used as filling and insulation material for fixing and insulating through the wall structures of air conditioning systems, hot-cold water pipes, electric wirings;
- Fixing door and windows frames;
- Filling cracks and gaps on walls and roof constructions;
- Covering expansion joints.



### ■ Application substrates

Interiors;

- Concrete, pre-cast concrete, fiber concrete and concrete panels;
- Wood, metal, aluminium, brick, tile, marble, glass, galvanized sheets and many plastic substrates;

Please consult us for all other application substrates.

### ■ Preparation of substrates

- Joint areas should be dry and clean while applying **weber foam FR**; and should be free from any kind of cement, oil, adhesive and paint residues.
- The substrate should be dampened for expanding and curing the foam ideally. If the application will be made in layers, then dampening should be made before the application of each layer.
- Use of masking tapes recommended on sensitive substrates and where straight and sharp edge formation required.

### ■ Application conditions

- Surface and ambient temperature between +5°C and +35°C.
- Avoid application in extremely hot and/or damp weather.
- Should not be used on frozen or melting substrates, or substrates with the risk of frost within 24 hours.

### ■ Application

- Shake the aerosol well for at least 30 seconds before the application.
- Attach the dosing trigger to the tube, turn the tube upside down and spray with a 45° angle. Start filling from the bottom section.
- Fill approximately 50% of gaps and holes to allow **weber foam FR** expand properly.
- Parts to be fixed should temporarily be supported until the foam cures completely.
- Fresh foam can be cleaned using acetone; cured foam can only be cleaned mechanically.

### ■ Points of attention

- Does not adhere on polyethylene, silicone and teflon substrates.
- Do not fill the gaps completely as **weber foam FR** will be expanding around 1,5-2 times.
- Fill deep gaps in layers.
- Cured material can only be cleaned mechanically.
- In low temperatures, packages should be conditioned approximately for 20 minutes in room temperature before use.
- Should be used in well ventilated areas; use gloves and goggles during the application; avoid eye and skin contact.

### ■ Technical specifications

PRODUCT	weber foam FR
Chemical structure	Polyurethane
Curing mechanism	Atmospheric humid
Colour	Orange
Density	25-30 g/cm <sup>3</sup>
Surface drying (25°C, %50 rh)	<10 min
Cutting time	<20 min
Fire resistance	B1
Temperature resistance (cured)	Between -40°C and +100°C
Volume increase	40-45 l (750 ml)

## ■ Storage

<b>Packaging</b>	750 ml/840 g aerosol
<b>Colour</b>	Orange
<b>Shelf life</b>	<ul style="list-style-type: none"><li>• 1 year from date of manufacture when stored unopened and undamaged, away from direct sunlight, between +5°C and +25°C, in a dry, moisture-free environment.</li><li>• Aerosol is filled with pressure, keep away from temperatures over 50°C.</li></ul>

## ■ Safety precautions

- Use appropriate safety equipment (mask, gloves, glasses).
- Protect your eyes/face.
- Avoid direct contact with eyes and skin.
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention.
- Please read Material Safety Data Sheet (MSDS) for further safety information.

## LEGAL DISCLAIMER

Saint-Gobain Weber Yapı Kimyasalları San. ve Tic. A.Ş. is not responsible for any errors arising from the use of product beyond its intended purpose or not complying the application procedures mentioned above.

*The stated times apply for 20°C substrate and ambient temperature; increase at lower temperatures and decrease at higher temperatures.*

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