



MASTER CHEMICALS TECHNOLOGY

# MC- Master Foam

## Backing filler for concrete Joints

### Description:

Rubberized sheets and strips based on Ethyl Vinyl Acetate E.V.A. ready to use during and after construction .complies with ASTM D 1752-84 type 1

### Uses:

- Used as back filler for the construction joints .
- Used as a backing filler for concrete joint sealants and acts as a secondary barrier for joint sealant.
- Can be used as a temporary joint filler.

### Advantages:

- Highly resistant to water absorption.
- Highly resistant to mild chemicals .
- Weather resistant .
- Highly elastic.
- High compression ratio , approx. 40 – 50 % of total thickness.
- High temperature resistance, -40° to +75° C.
- Compatible with different types of joint sealants, as Polysulphide, Polyurethane ... etc.
- Easy to apply .
- Available in different required thicknesses.

### Technical Data :

Color	: blue or black
Thickness	: up to 3 cm (one layer) > 3 cm ( laminated )
Density	: 140kg / m <sup>3</sup> at 25 °C
Water absorption ( ASTM 1016-94 )	: < 0.4 g/ cm <sup>3</sup>
Resilient down to	: -26 °C
Compressed thickness (at 7 ton / m <sup>2</sup> load)	: 30%
Permanent compression set	: 4-9 %
Thermal resistant	: 0.595 m <sup>2</sup> . °C/ w
Thermal conductivity	: 0.027 – 0.040 w/ m . °C
Dimensional stability under heat	: -0.1 +1.5 %
Chemical resistant	: good
Toxicity	: non – toxic

## **Method Statement:**

### **In case of construction joints :-**

- 1- **MC - Master Foam** is used as back filler in the construction joints in all joint depth and keep the small part up .
- 2- Concrete is casted around the strips to the surface level.
- 3- In time to use the elastomeric joint sealant remover the small part and clean the joint .
- 4- Use the elastomeric joint sealant as the manufactured in structures.

### **In case of expansion joints :-**

- 1- Clean joint from loose particles
- 2- Cut **MC-Master Foam** in the required dimension with a sharp knife.
- 3- Apply **MC-Master Foam** into joint using force to the required depth.
- 4- Use the elastomeric joint sealant as the manufactured in structures.

**MC-Master Foam** can be supplied in three different categories light, medium and rigid.

**MC- Master Foam** can be delivered with the thickness and dimension required for each job.

*For more details contact **Master Chemicals Technology** technical department*

*Or visit our website [www.mc.com.eg](http://www.mc.com.eg)*

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