

PRODUCT FAMILY

Water Proofing &
Joint Sealants

MCT

MC-Master Foam

Backing filler for concrete joints

Rubberized boards based on Ethylene Vinyl Acetate (EVA), ready for use during and after construction. The source references ASTM D1752-84 Type 1.

Density	Thickness	Standards	Water absorption
140 kg/m ³ at 25°C	Up to 3 cm / layer	ASTM D1752-84 Type 1	< 0.4 g/cm ³

Description

Rubberized boards based on Ethylene Vinyl Acetate (EVA), ready for use during and after construction. The source references ASTM D1752-84 Type 1.

Where to use

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

MCT TECHNICAL DATA

MC-Master Foam

Backing filler for concrete joints

Advantages

- Highly resistant to water absorption.
- Highly resistant to mild chemicals.
- Weather resistant.
- Highly elastic.
- High compression ratio, approximately 40-50% of total thickness.
- Temperature resistant from -40°C to +75°C.
- Compatible with different joint sealants, including polysulphide and polyurethane.
- Easy to apply.
- Available in different required thicknesses.

MCT TECHNICAL DATA

MC-Master Foam

Backing filler for concrete joints

Technical data

Color	Black
Thickness	Up to 3 cm (one layer)
Density	140 kg/m ³ at 25°C
Water absorption (ASTM 1016-94)	< 0.4 g/cm ³
Resilient down to	-26°C
Compressed thickness at 7 ton/m ² load	30%
Permanent compression set	4-9%
Thermal resistance	0.595 m ² ·°C/W
Thermal conductivity	0.027-0.040 W/m·°C
Dimensional stability under heat	-0.1 to +1.5%
Chemical resistance	Good
Toxicity	Non-toxic

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Method statement

Construction joints: 1) Use MC-Master Foam as back filler through the joint depth, leaving the small removable part uppermost. 2) Cast concrete around the strips to surface level. 3) When the elastomeric joint sealant is to be applied, remove the small part and clean the joint. 4) Apply the elastomeric joint sealant in accordance with the sealant manufacturer's instructions. Expansion joints: 1) Clean the joint from loose particles. 2) Cut MC-Master Foam to the required dimensions with a sharp knife. 3) Force MC-Master Foam into the joint to the required depth. 4) Apply the elastomeric joint sealant as specified. MC-Master Foam can be supplied in light, medium and rigid categories and in job-specific dimensions.

