



BARRIER FOAM

A cross linked foam solution used to provide a barrier to screed edge details or as a temporary barrier for between new and existing pours.



OVERVIEW

TEKCEM Barrier Foam is a cross linked foam solution used to provide a barrier to screed edge details or as a temporary barrier for between new and existing pours.

TEKCEM Barrier Foam strips have a peel off self-adhesive layer at the base, enabling simple installation.

TEKCEM Barrier Foam are supplied in 2.0m strips so that one strip will usually be sufficient for two door thresholds and are easily manoeuvrable and flexible enough for curved applications to suit on site application.

TECHNICAL DATA

DESCRIPTION	STANDARD	VALUE	UNIT
Density	ISO 845	30	Kg/m ³
Tensile Strength	ISO 1798	267	kPa
Elongation	ISO 1798	200	%
Compression 10%	ISO 844	43	kPa
Compression 25%	ISO 844	61	kPa
Compression 50%	ISO 844	122	kPa
Working Temperature Range	-	-60 to 90	°c
Thermal Conductivity at 10°C	EN12677	0.039	W/mK
Thermal Conductivity at 40°C	EN12678	0.041	W/mK
Water Absorption Volume (max)	-	1	%
Water Vapour Transmission	ISO 1663	1.3	g/m ² *24

HEALTH AND SAFETY

This product is not classified under the Chemicals Hazard Information and Packaging for Supply Regulations. A Material Safety Data Sheet relating to this product can be obtained from TEKCEM LTD. Please dispose of packaging and waste responsibly.

BENEFITS

Tekcem Barrier Foam offers some unique features including:

- Thermal insulation
- Very Durable
- Resistance to harsh climates
- Excellent Shock absorption
- Light weight
- Very flexible to suit both straight and curved installation requirements
- Available in 2 two dimensions to suit different screed thickness installation depths - 15mm x 15mm or 25mm x 25mm

INSTALLATION CONSIDERATIONS

Ensure that the base that is to be adhered to is clean and free from dust and contamination.

Ensure that any joints are firmly butt jointed to avoid any material leakage.

Immediately after peeling off the self-adhesive strip place into location and ensure the foam is firmly pressed into location - ensuring the whole length has been pushed into place - this will ensure a strong contact with the surface.

After screeding the TEKCEM Barrier Foam material can be uplifted and removed as required.

PACK DIMENSIONS

15mm x 15mm x 2.0m strips – 66 per pack (132 linear meters)

25mm x 25mm x 2.0m strips – 40 per pack (80 linear meters)

WARNING

The information provided in this datasheet corresponds to the best of our expert knowledge and experience, Whilst it is true and accurate to the best of our knowledge, it may contain information which is unsuitable under certain circumstances since materials, site conditions and method of application vary with each application, TEKCEM LTD cannot be held responsible for any loss or damage due to incorrect use or from the responsibility of variations in working conditions and/or workmanship beyond our control. The user alone is responsible for any consequences deriving from the product.