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Data Sheet

Expansion Joint Foam

Closed Cell Polythene Foam

Expansion Joint Foam is a closed cell polyethylene foam used as a joint filler, joint former, non-load transfer filler, grout check, stop-end, insulant and many more applications. It is compressible yet semi-rigid, strong and non absorbent. Our Joint Foam is light, clean and easy to use and it can be used on all normal building surfaces. It is highly resistant to most site chemicals and oils with a weathering and ozone resistance. Euro Accessoris can also manufacture non standard widths on request.

Expansion Joint

Joint Foam is used to form expansion joints in concrete slabs and brickwork. It is left in the joint as it reduces compressive stresses.

Precast Concrete Panels

Joint Foam makes an ideal bond breaker and back up sealing strip between concrete panels.

Stop-Ends

Joint Foam takes the place of timber or ply and is easy to remove. It is also used extensively as a grout check and in thinner sheets, as a frost protection blanket.



Technical Information

| PROPERTIES | TEST METHOD | UNIT | TYPICAL VALUE |
|-------------------------------------|-----------------|-------------------|-------------------|
| DENSITY | DIN 53420 | Kg/m ³ | 28 |
| TENSILE STRENGTH | | DIN 53571 | N/mm ² |
| Extrusion Direction | | | 0.318 |
| Cross Direction | | | 0.227 |
| ELONGATION AT BREAK | DIN 53571 | % | |
| Extrusion Direction | | | 70 |
| Cross Direction | | | 65 |
| COMPRESSION STRENGTH | DIN 53577 | N/mm ² | |
| 25% (4th Compression) | | | 0.031 |
| 50% (4th Compression) | | | 0.091 |
| 70% (4th Compression) | | | 0.221 |
| THERMAL STABILITY (24h at 70°C) | | ASTM D-3575-S | % < 3 |
| THERMAL CONDUCTIVITY | ASTM C-177 | W/mK | 0.055 |
| CELL SIZE | BS 4443/1 Met.4 | Cells/25mm | ≥ 26 |
| WATER ABSORPTION (after 24hours) | | DIN 53428 | Vol % 0.7 |
| WORKING TEMP. RANGE | Internal | °C | -30 to +80 |