

Description

Expandafill is a closed-cell, polyethylene joint filler for use as an expansion joint filler in concrete, brickwork and blockwork. Being low density, it is also useful for forming isolation joints for machine bases or similar locations. The low compressive strength prevents the transfer of load across joint interfaces and makes it ideal for forming soft compression joints and expansion joints in brickwork facades, as recommended by BS 5628: Part 3: 1985- Use of Masonry, Clause 20.4.

Advantages

- Lightweight but durable.
- Rot proof.
- CFC free.
- Low load transfer.
- Chemically resistant - inert to most dilute acids and alkalis, resistant to oils and hydrocarbons.
- Easy to work.
- Easily cut using a sharp knife.

Application

- Concrete brick and blockwork
- Low compression joint filling.
- Gap filling

Supply

In sheet thickness: 10mm, 12mm, 15mm, 20mm, and 25mm.

Cut strips available to special order.

Expandafill is also available in cord form: 10mm, 12mm, 15mm, 20mm, 25mm, 30mm and 40mm diameters.

Technical Data

Form	Cross-linked, compressible, closed-cell foamed section and sheet
Weathering test	No disintegration
Recovery	Greater than 70%
Water absorption	Negligible by volume
Effect of fire	Being a thermoplastic material, expandafill will melt. It is combustible but the rate of flame spread is reduced when confined within a joint.
Normal Density	Sheet and Strips: 30kg/m ³ Cords: 25kg/m ³
Thermal Conductivity (λ value)	0.035W/Mk (DIN 52612)