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Data Sheet

Frost Blankets

Euro Accessories Frost Blankets are an ideal concrete curing blanket which will help reduce lost working time on-site, or worse still, the need to replace the concrete that has failed to set at the required minimum strength. These potential problems can cause time and money for the construction industry.

During periods of low temperatures there can be big delays due to the concrete not setting. This can be avoided by using an effective material to cover and protect the concrete allowing it to cure as necessary. Our Frost Blankets are a high performance foam material that is thermo-formable, impervious to most chemicals and performs consistently over a wide range of temperatures.

The lightweight material which is easily handled and manoeuvred on-site can also be fabricated on-site as required. It is resilient and tough enough to be re-used many times. Euro Accessories Frost Blankets are recyclable and they are a good choice when considering the environment effect of any materials used on-site.



| Product Code | Thickness (mm) | Roll Size (mtr) |
|--------------|----------------|-----------------|
| FBS | 7 | 75 x 1.5 |

| Physical Properties | Test Method | Unit | Value |
|---|---|-------------|----------------------------------|
| Density | DIN 53420 | Kg/m3 | 24 |
| Tensile Strength Extrusion Direction Cross Direction | DIN 5371 | N/mm2 | 0,219 0,170 |
| Elongation at Break Extrusion Direction Cross Direction | DIN 5371 | % | 67 52 |
| Compressive Strength 25% (4th compression) 50% (4th Compression) 70% (4th compression) | DIN 53571 | N/mm2 | 0,031 0,089 0,220 |
| Thermal Resistance (24h at 70 C) | ASTM D-3575-S | % | >0,5 |
| Creep Test (1 psi) | ASTM D-3757-BB | % | >2 (1h) >5 (24h) >8 (168h) |
| Cell Size | BS 443/1 Met.4 | Cells/25 mm | ≥21 |
| Water absorption (after 24 hours) | DIN 53428 | Vol % | 1,19 |
| Thermal Conductivity | U value of 5watts/mc or a 'K' value of 0.055 watts/m kelvin | | |