



Kestral Frostmat

Polyethylene Foam Products

Kestral Frostmat is 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. Kestral Frostmat is 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. Kestral Frostmat is recyclable and therefore a good choice when considering the environment effect of any materials used on-site.

Make **Kestral Frostmat** your choice of curing blanket for effective results.

Physical Properties Test Method Unit Value

Density DIN53420 Kg/m³ 24

Tensile Strength DIN 5371 N/mm² Extrusion Direction 0,219 Cross Direction 0,170

Elongation at Break DIN 53571 % Extrusion Direction 67 Cross Direction 52

Compressive Strength DIN 53571 N/mm² 25% (4th compression) 0,03150% (4th compression) 0,08970% (4th compression) 0,220

Thermal Resistance ASTM D-3575-S % <0,5(24h at 70 C)

Creep Test ASTM D-3575-BB % <2 (1 h)(1 psi) <5 (24 h) <8 (168 h)

Cell Size BS 4443/1 Met. 4 Cells/25 mm >21

Water Absorption DIN 53428 Vol % 1,19(after 24 hours)

Thermal U' value of 5watts/mC or a 'K' value Conductivity of 0.055 watts/m Kelvin

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