

## Data Sheet

# Frost Blankets

**Speedcrete 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. Speedcrete Frost Blankets are recyclable and are a good choice when considering the environmental effect of any materials used on-site.



Product Code	Thickness (mm)	Roll Size (mtr)
FROST3	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		