

PRODUCT DESCRIPTION

The **Concrete Curing Blanket** is engineered to protect freshly poured concrete from extreme ambient temperatures. By minimizing temperature differentials, it prevents shrinkage cracking and helps achieve the desired concrete strength in shorter time frames.



APPLICATION INSTRUCTIONS

- Apply the blanket to the concrete surface as soon as possible after pouring.
- If using curing compounds, allow them to dry before installing the blanket.
- Join blankets by lashing together using the edge eyelets or overlap by at least 200mm, securing with appropriate weights to prevent displacement by wind.

MAINTENANCE AND STORAGE

- Avoid using the blanket in areas with standing water, as moisture can reduce its insulating effectiveness.
- After use, clean the blanket with water, allow it to dry, then fold and store in a dry place away from direct sunlight.
- Inspect the blanket for damage before reuse; discard if the outer layer is compromised.

FEATURES & BENEFITS

- **Minimizes Temperature Differential:** Prevents shrinkage cracking by maintaining uniform temperatures between the concrete core and surface.
- **Accelerates Curing:** Reduces curing time in cooler weather conditions
- **Reusable Design:** Durable construction allows for multiple uses
- **Easy Installation:** Equipped with eyelets along the edges for easy joining of sheets and secure anchoring to surfaces.

AREAS OF APPLICATION

- **Low Ambient Temperature Curing:** Captures the heat generated by the hydration process, minimizing the temperature differential between the concrete core and the outer surface. This accelerates the curing rate in cooler climates.
- **High Ambient Temperature Curing:** Creates an insulated barrier on the concrete surface, protecting it from radiant heat and sunlight, thereby reducing shrinkage cracking and moisture loss.

AVAILABLE SIZES

SKU	Description
133145	Concrete Curing Blanket 1.8m x 3m x 12mm Thick
133146	Concrete Curing Blanket 2m x 6m x 12mm Thick
133147	Concrete Curing Blanket 2.2m x 3m x 12mm Thick
132857	Concrete Curing Blanket 6m x 6m x 12mm Thick
133190	Concrete Curing Blanket 4m x 4m x 12mm Thick

THERMAL RESISTANCE TEST DATA

Specification	6mm Blanket	12mm Blanket
Test Method	ASTM C518-17	ASTM C518-17
Specimen Size	304mm x 303mm x 6mm	310mm x 303mm x 12mm
Density	Approx. 203 kg/m ³	Approx. 105 kg/m ³
Mean Temperature	15°C	15°C
Temperature Difference	10°C	10°C
Lab Environment	23±2°C, 50±5% RH	23±2°C, 50±5% RH
Thermal Resistance	0.175 (m ² ·K)/W	0.305 (m ² ·K)/W



The Concrete Curing Blanket can be fully customized to fit unique project requirements. Designed for seamless installation, the blankets are joined with durable Velcro for a secure and efficient fit.