

BE THE BOSS OVER EXTREME CLIMATE CURING

CLIMATE
CONTROL

ON

OFF

WHY DO I NEED CURING BLANKETS FOR TEMPERATURE EXTREMES?

At low ambient temperatures, concrete slows curing or stops all together. In fact, at 4°C, the chemical reactions that cure concrete essentially stop. If the mercury dips below 0°C, freezing of the water in the concrete will lead to pressure buildup, scaling and potentially compromise the structure.

Conversely, in high ambient temperatures, radiant heat from the sun causes the surface to heat up causing uneven curing which will lead to shrinkage cracking.

Curing blankets are designed to insulate freshly laid concrete and minimise the effect of temperature differential between the surface and the core of the concrete.

HOW DO BOSS ICB's WORK?

At the core of each blanket lies a foam insulation layer. This layer creates a pocket of air between the two layers of woven polyethylene outer fabric.

In cooler conditions, curing blankets capture the heat generated by the hydration process and minimise the temperature differential.

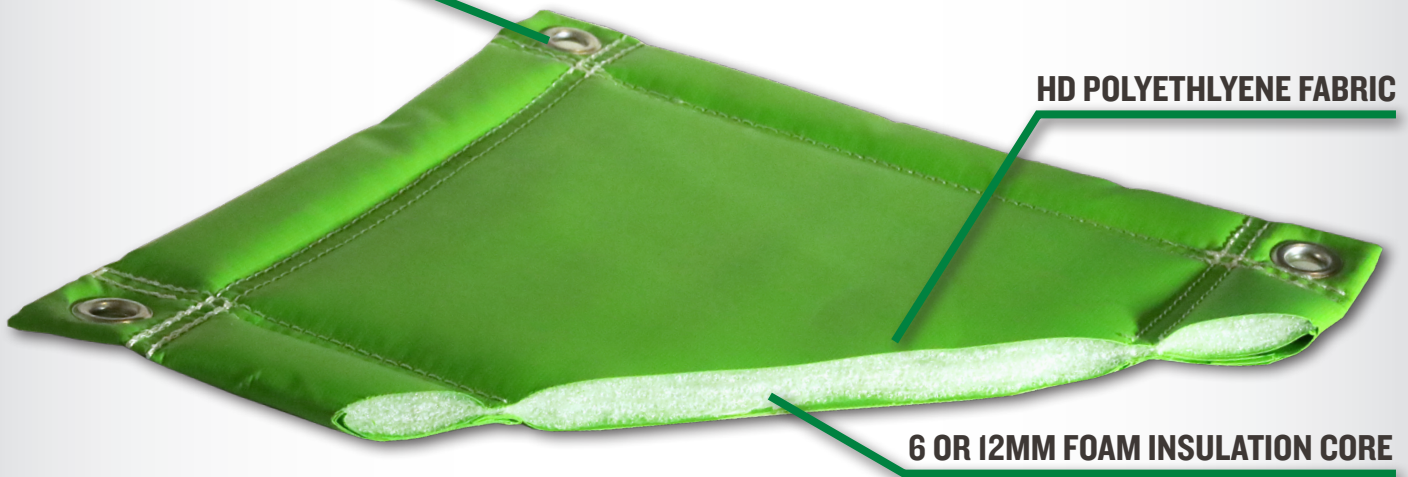
In high ambient conditions, curing blankets create an effective barrier shielding the surface from the radiant heat of the sun.

BOSS INSULATED CURING BLANETS:

- ✓ Reduce Curing Times
- ✓ Prevent Shrinkage Cracking
- ✓ Minimise Temperature Differential
- ✓ Protects From Radiant Heat



EYELETS ON EVERY EDGE



HD POLYETHYLENE FABRIC

6 OR 12MM FOAM INSULATION CORE

AVAILABLE SIZES

4m x 4m

CODE: CBB0644

THICKNESS: 6mm

THERMAL RESISTANCE:

0.171 (m² K)/W

6m x 4m

CODE: CBB1264

THICKNESS: 12mm

THERMAL RESISTANCE:

0.300 (m² K)/W