

CURING

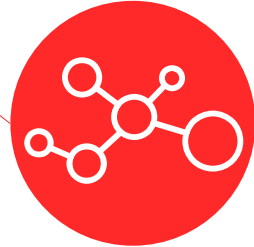
▶ with the Ashford Formula™



CAN CONCRETE BE CURED WITH THE ASHFORD FORMULA?

YES.

Decades of field experience has provided more than ample proof that the Ashford Formula produces excellent curing results in terms of ensuring full compressive design strength and minimizing, or even eliminating, surface crazing. The Ashford Formula can also be used in conjunction with other curing mechanisms, such as membrane cures or a wet cure.



DO YOU HAVE THIRD-PARTY TESTING TO PROVE THIS CLAIM?

YES.

In addition to testing conducted as far back as 1982, recent testing conducted by Total Corrosion Services Pty Ltd in August 2022* confirmed the effectiveness of the Ashford Formula as a curing agent, and its success at meeting the design strength requirements of the concrete mix.



COMPRESSIVE STRENGTH ▶

CURING METHOD	SAMPLE 1	SAMPLE 2	AVERAGE	ADJUSTED STRENGTH <small>(IN ACCORDANCE WITH AS 3600 - SEE NOTE 1)</small>
Air Cure	33.0	31.5	32.0	36.8
Cure + Ashford Formula	33.0	40.0	36.5	42.5
Ashford Formula	37.5	36.5	37.5	42.5

NOTE 1: In accordance with AS 3600 Clause B6.4.2, the strength of concrete can be estimated to be 1.15 times the average of core strengths.

SORPTIVITY TESTING ▶

SGS SAMPLE NO.	CLIENT IDENTIFICATION	CAST DATE	SORPTIVITY <small>(mm/min^{1/2})</small>	MEAN HEIGHT RISE <small>@ 240 mins (mm)</small>
P50448	No Cure	-	0.02	13
P50449	Cure + Ashford Formula	-	0.01	10
P50450	Ashford Formula	-	0.01	9



SHOULD I CHOOSE THE ASHFORD FORMULA TO CURE CONCRETE?

YES.

Why? The Ashford Formula eliminates the need for curing compounds or membranes, saving on cost, labor and time. Additionally, the Ashford Formula provides the following benefits, which other traditional curing compounds, such as water, do not:

- ▶ DENSIFIES
- ▶ INCREASES ABRASION RESISTANCE
- ▶ DUSTPROOFS
- ▶ ELIMINATES HIGH MAINTENANCE COSTS
- ▶ REDUCES ENVIRONMENTAL IMPACT
- ▶ PROVIDES A PERMANENT SHEEN

