

Durability and Strength Performance

Test	Standard	Test Result	Requirement Value	Source
Compressive Strength ¹	EN12391-3&7	67.7MPa	>60 MPa	AS/NZS2425
Water Penetration - Depth ¹	EN 12390-8	10 mm	Mean<20mm Max.<50mm	EN206-1
Porosity - Penetration Depth ³	RMS-T362	2mm	<8mm	B80/A1
RCPT ⁴	ASTM C1202-05	TBC	<1000	AS/NZS2425
Chloride Ingress ⁵	NT Build 443	TBC	<2x10 ⁻¹² m ² /s	RMS B80

Original test certificates are available for the above tests:

1. Compressive strength - Test Report 1461/2015/BA
2. Water Penetration - Test Report 7521 / 65287TS (water penetration)
3. Porosity - Test Report 7521 / 65287TS (porosity)
4. Rapid Chloride Permeability -
5. Chloride Ingress -

Load Capacity Performance of Spacers (AS/NZS2425)

Spacer	Cover	Test Load	Height Tolerance (mm)		Deflection (mm)		Permanent Set (mm)		Cracking
			Test	Reqd.	Test	Reqd.	Test	Reqd.	
Type AB	50mm	300kg	-0.7/+0.3	+-1.0	0.51	+-3.0	0.18	<2.0	None
Cast	75mm	300kg	-1.1/+0.0	+-2.0	0.35	+-3.0	0.19	<2.0	None

Original test certificates are available for above tests:

1. Load Capacity - Test Report 482/15 / 65287 (Load Capacity)