

Product Specification:

Wim Mix Pre-Mixed Concrete – 20 MPa, 14mm Maximum Agg. Size

PRODUCT CODE: 110-096-m **NOMINAL STRENGTH:** 20 MPa **GRADE DESIGNATION:** N20

CUSTOMER: Standard Product

REFERENCE: AS1379 – *Specification and Supply of Concrete*

Compliance Requirements for Product Constituents	
Constituent	Compliant With
14/10mm G Agg	AS 2758.1
7mm SS Agg	AS 2758.1
Coarse Sand	AS 2758.1
Fine Sand	AS 2758.1
GP Cement	AS 3972
Mixing Water	AS 1379
Chemical Admixtures	AS 1487

Tests Carried Out For Production Control (Controlled Grade)					
Test	Sample Method	Test Method	Frequency	Requirements	Reference
Slump	AS1012.1	AS1012.3	1 per 100m ³	As per AS1379: Table 6	AS1379.5.2
28-day Strength	AS1012.1	AS1012.9	1 per 100m ³ (2 cylinders)	95% of results \geq 20MPa, Mean (f_{cm}) $\geq f_c + k_{cs}$	AS1379.6.3
7-day Strength	AS1012.1	AS1012.9	1 per 100m ³	Mean for production interval \geq 9MPa	AS1379.5.7
Air Content	AS1012.1	AS1012.4.2	On every second strength sample as required by customer	\pm 1.5% of customer's specified air content	AS1379.5.4
Chloride and Sulfate Content	AS1012.1	AS1012.12 AS1012.20	1 per 6 months	Chloride-ion \leq 0.8 kg/m ³ Sulfate-ion \leq 50 g/kg	AS1379.5.5
Drying Shrinkage	AS1012.1 or AS1012.2	AS1012.13	1 per 6 months	\leq 1000 μ S	AS1379.5.6

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