MORTAR MIX

HIGH STRENGTH REPAIR MORTAR

SUMMARY OF PROPERTIES

All tests were carried out at 21˚C until the age of the test. Tests were carried out at a water addition rate of 3.7L per 25kg.
Notes: All test results are independent third party results. Results for Compressive strength based on 70mm cube samples. The test results listedare derived from laboratory testing. Results will vary if standard sample sizes or test conditions vary. Refer to Technical Data Sheets for application and installation instructions.

COLOUR
Light Grey (when dry)

YIELD @ 21˚C
0.014m^3 per 25kg bag

APPLICATION THICKNESS
12 – 150 mm

PACKAGING
27.2kg Bags
50 Bags per pallet

SETTING TIME
ASTM C191
Initial: 15 Minutes
Final: 1 Hour

Compressive Strength
ASTM C109 Mod

Typical Result

1 hour	17.2MPa
3 hours	27.6MPa
7 Days	34.5MPa
28 Days	48.3MPa

Flexural Strength (Modulus of Rupture)
ASTM C78

Typical Result

7 Days	4.1MPa
28 Days	4.8MPa

Tensile Strength
ASTM C496 - Splitting Tensile

Typical Result

7 Days	3.4MPa
28 Days	4.1MPa

Modulus of Elasticity
ASTM C469 - Static Modulus of Elasticity

Typical Result

7 Days	2.49 x 10^4 MPa
28 Days	2.68 x 10^4 MPa

Dimensional Change
ASTM C157

Typical Result

In Air at 28 days	-0.034%
In Water at 28 days	0.017%

Coefficient of Thermal Expansion
ASTM C531
3.26 x 10^{-6}/˚C

Fresh Wet Density
ASTM C138
2106 kg/m^3

Bond Strength
ASTM C882 Mod - By Slant Shear

Typical Result

1 day	6.9MPa
28 days	15.2MPa

1300 320 799 | info@antoun.com.au
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