



Ironstone Mortars

Caring for your older building

European Standard Performance Tests Ironstone Lime Mortar NHL 2

Ironstone Lite NHL 2

Test	Standard	Performance
Water Addition Rate	EN1015-3	160.59ml per 1kg of mortar
Fresh Mortar Density	EN1015-6	1957.93 Kg/m ³
Water Absorption	EN1015 -18	1.73 Kg(m ² min ^{0.5})
Compressive Strength	EN1015-11	0.62Nmm ² (mean value)
Flexural Strength	EN1015-11	0.347 Nmm ² (mean value)
Dried Mortar Density	EN1015-10	1750.26 Kg/m ³
Air Entrainment	EN1015-7	9.70%

Ironstone Chalk NHL 2

Test	Standard	Performance
Water Addition Rate	EN1015-3	151.65ml per 1kg of mortar
Fresh Mortar Density	EN1015-6	1898 Kg/m ³
Water Absorption	EN1015 -18	1.54 Kg(m ² min ^{0.5})
Compressive Strength	EN1015-11	0.68 Nmm ² (mean value)
Flexural Strength	EN1015-11	0.15 Nmm ² (mean value)
Dried Mortar Density	EN1015-10	1733.70 Kg/m ³
Air Entrainment	EN1015-7	12.16%

Ironstone Yorkshire NHL 2

Test	Standard	Performance
Water Addition Rate	EN1015-3	154.5 per 1kg of mortar
Fresh Mortar Density	EN1015-6	1760.7 Kg/m ³
Water Absorption	EN1015 -18	0.31 Kg(m ² min ^{0.5})
Compressive Strength	EN1015-11	0.38 Nmm ² (mean value)
Flexural Strength	EN1015-11	0.29 Nmm ² (mean value)
Dried Mortar Density	EN1015-10	1578.40 Kg/m ³
Air Entrainment	EN1015-7	14.8%

Manufactured in the UK in partnership with
Heidelberg Materials Socli
Ironstone products are CE marked and
manufactured under an ISO9001:2015
accredited Factory Production Control System

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