Roundtower Drymix CLD30 NHL3.5 – TDS

The following is test data for the product;

Procedure	Result
Mix Ratio by Volume	2:5 (NHL2 : Sand)
Water Addition Rate	194ml per Kg of Dry Mortar giving a flow rate of 190mm
Compressive Strength @ 28 Days (dry bar)	3.20Nmm^2
Flexural Strength @ 28 Days	0.48Nmm2
Carbonation Depth @ 28 Days	≤0.5mm
Water Absorption @ 28 Days	W0 (mean of 2.0kg/m^2·min$^{0.5}$)
Fresh Mortar Density	1940Kg/m^3
Dry Mortar Density	1660Kg/m^3
Thermal Conductivity	0.67 W/mK (P= 50%, tabulated)
Adhesive Strength	0.1Nmm^2, with a Type A/B Fracture Pattern
Vapour Permeability @ 28 Days	13.76µ
Water Vapour Diffusion Coefficient	15/35µ (tabulated)
Max Aggregate Size	5mm
Reaction to Fire	Euroclass A1
Durability	Until a European Standard method of test is available, the freeze/thaw resistance shall be evaluated and declared to the provisions valid in the intended place of use of the mortar.
Content of Chlorides	NPD – mortar is not intended for reinforced masonry

This mortar should be protected with hessian and adequately cured to keep from drying back for a bare minimum of 4 days after application using light mist spray or similar; however we would recommend protection and curing regime occurs for 7 days or longer.

All tests were performed as per EN998-1:2016 and EN998-2:2016 in accordance with the relevant section of EN1015, under an ISO9001:2015 assessed Factory Production Control system.