



The Chemical Company

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Concrete Admixtures

Product Selection Guide

Admixture Product Selection Guide

Product Name	Dose Rate (mls/100kg cementitious)	Water Reduction	Season	Workability	Slump Retention	Pumpability	High Early Strength	Ultimate Strength	Drying Shrinkage Reduction	Concrete Durability	Description
Pozzolith 370M	400 +/- 100	6 - 12%	Y	●●●●●	●●	●●	●●	●●	●●	●●●	Normal Set Water Reducers
Pozzolith 370C	400 +/- 100	6 - 12%	Y	●●●●●	●●	●●	●●	●●	●●	●●●	
Pozzolith 370PC	400 +/- 100	6 - 12%	Y	●●●●●	●●●	●●●●●	●●	●●	●●	●●●	
Pozzolith 80	400 +/- 100	6 - 12%	Y	●●●●●	●●	●●	●●	●●	●●●	●●●●	
Pozzolith 322Ni	300 +/- 100	5 - 10%	Y	●●●●●	●●	●●●	●	●●	●●	●●●	
Polyheed 819	900 +/- 300	5 - 15%	Y	●●●●●	●●	●●●●●	●●	●●●●●	●●●	●●●●	Mid Range Water Reducer
Polyheed 916N	900 +/- 300	5 - 15%	Y	●●●●●	●●	●●●●●	●●	●●●●●	●●●	●●●●	
Rheoplus 44	1200 +/- 800	5 - 15%	Y	●●●●●	●●●●●	●●●●●	●●	●●●●●	●●●	●●●●	
Pozzolith 122Ri	200 +/- 100	2 - 4%	S	●●	●●	●●	●	●	●	●●	Set Retarding Water Reducers
Pozzolith 300Ri	250 +/- 50	5 - 8%	S	●●●●●	●●●●	●●●	●	●●●	●●●	●●●	
Pozzolith 400Ri	300 +/- 100	5 - 8%	S	●●●●●	●●●●	●●●	●	●●●	●●●	●●●	
Polyheed 850	500 +/- 100	5 - 10%	W	●●●●●	●●	●●●	●●●	●●	●	●●●	Set Accelerating Water Reducers (Non Chloride)
Polyheed 861HE	500 +/- 100	5 - 15%	W	●●●●●	●●●	●●●	●●●	●●●	●	●●●	
Pozzolith NC534	800 +/- 500	3 - 5%	W	●●	●●	●●	●●	●●	●	●●	Set Accelerators (Non Chloride)
Pozzolith 555	800 +/- 500	3 - 5%	W	●●	●●	●●	●●	●●	●	●●	
Pozzolith 102	Up to 4000	2 - 3%	W	●●	●●	●●	●●●●	●●	●	●●	Set Accelerators (Chloride Containing)
Pozzolith 599	800 +/- 500	1 - 2%	W	●●	●●	●●	●●●	●●	●	●●	
Rheobuild 561	800 +/- 200	15 - 25%	S	●●●●●	●●●●●+	●●●●	●	●●●●●	●●●	●●●●●	Superplasticisers
Rheobuild 716LR	800 +/- 200	15 - 25%	S	●●●●●	●●●●●	●●●●	●	●●●●●	●●●	●●●●●	
Rheobuild 1000	800 +/- 200	15 - 30%	Y	●●●●●	●●●●	●●●●	●●●●	●●●●●	●●●●	●●●●●	
Rheobuild 1023	400g/m3	15 - 30%	Y	●●●●●	●●●●	●●●●	●●●●	●●●●●	●●●●	●●●●●	
Rheobuild 3020	1000 +/- 500	10 - 20%	Y	●●●●●	●●	●●●●	●	●●●	●●●	●●●●	
Glenium 27	1000 +/- 600	15 - 40%	Y	●●●●●	●●●●●+	●●●●	●●●●●	●●●●●	●●●●	●●●●●	Hyperplasticisers
Glenium 270B	500 +/- 300	15 - 40%	Y	●●●●●	●●●●●+	●●●●	●●●●●	●●●●●	●●●●	●●●●●	
Glenium 51	500 +/- 300	15 - 40%	Y	●●●●●	●●●●	●●●●	●●●●●	●●●●●	●●●●	●●●●●	
Glenium 8100	400 +/- 200	15 - 40%	Y	●●●●●	●●●●●	●●●●	●●●●●	●●●●●	●●●●	●●●●●	
Glenium Ace 30	400 +/- 200	15 - 40%	Y	●●●●●	●●	●●●●	●●●●●+	●●●●●	●●●●	●●●●●	
Glenium Ace 339	400 +/- 200	15 - 40%	Y	●●●●●	●●●●●+	●●●●	●●●●●+	●●●●●	●●●●	●●●●●	
Rheomac VMA 358	130 - 650	NA	Y	●●●●●+	●●●	●●●●●+	NA	●●●●●	●●	●●●●●	Viscosity Modifying Admixture
Rheomac VMA 362	130 - 650	NA	Y	●●●●●+	●●●●	●●●●●+	NA	●●●●●	●●	●●●●●	
Micro Air 905	40 - 400	NA	Y	●●●	NA	●●●	●	●●●	●●	●●●	Air Entrainers
Micro Air 940	10 - 100	NA	Y	●●●	NA	●●●	●	●●●	●●	●●●	
Delvocrete Stabiliser	100 - 8500	NA	Y	NA	●●●●●	●●●●	●	●●●●●	●●	●●●●	Cement Hydration Control
Meyco SA160	2 - 6% bwc	NA	Y	NA	NA	NA	●●●●	●●	●	●●●	Shotcrete Admixture - Alkali Free Accelerator
Meyco SA 167	3 - 10% bwc	NA	Y	NA	NA	NA	●●●●●	●●●	●	●●●	- Alkali Free Accelerator
Meyco MS 685	2 - 4% bwc	NA	Y	●●●●●	●●●●	●●●●●	●	●	●●	●●●	- Precipitated Silica
Rheomac AS 180	5 - 15% bwc	NA	Y	●●●●●	NA	●●●●●	●	●●●●●	●●	●●●●●	Silica Fume
Stabilmac / Flowcable	3 - 10% bwc	NA	Y	●●●●●	NA	●●●●	●	●●●	●●●●●+	●●●	Shrinkage Compensation
Masterfibre Econo-Net	0.9kg/m3	NA	Y	●●●●	NA	●●●●	●	●	NA	●●●●	Synthetic Fibre Reinforcement - Fibrillated
Masterfibre Econo-Mono	0.6kg/m3	NA	Y	●●●●	NA	●●●●	●	●	NA	●●●●	- Monofilament
Rheomix Range	Various	NA	Y	●●●●	NA	NA	●●●	●●●●●	NA	●●●●	Manufactured Concrete Product Admixtures
Rheomix 300	2500	NA	Y	●●●●	NA	●●●●	●	●●●	●●●	●●●●●	Waterproofing
Rheomix 790	0.5 - 2% bwc	NA	Y	NA	NA	NA	NA	●●●	●●●	●●●●●	
Grout Fluidifier	1.0 +/- 0.1kg	NA	Y	●●●●	●●●	●●●●●	●	●●●●●	●●●	●●●●	Grout Admixture
Rheocell Rheofill	0.1kg/m3	NA	Y	●●●●●	●●●	●●●●	●	●	●●●	●	Flowable Fill
Tetraguard AS21	2 - 8l/m3	NA	Y	●●●	●●●	●●●	●	●	●●●●●+	●●●●●	Shrinkage Reducing Admixture
Rheomac UW450	800 +/- 500	NA	Y	●●●●	●●●	●●●●	●	●	●	●●●●	Anti-Washout Admixture
Rheomac 614	350 +/- 150	NA	Y	●●●●●+	●●	●●●●●+	●	●	●	●●●●	Pump Aid
Rheocure 736	5L/m3	2 - 3%	Y	●●●	●	●●●●	●	●●●	●●	●●●●●+	Internal Curing Admixture
Rheocrete CNI	10 - 30L/m3	2 - 3%	Y	●●	NA	●●	●●●	●●	●	●●●●●+	Corrosion Inhibitors - Liquid
MCI 2006NS Grenade	0.65kg/m3	4%	Y	●●●	●●	●●	●●	●●●	●●	●●●●●+	- Powder

●●●●●+ Specifically formulated for application ●●●●● Excellent ●●●●● Very good ●●●● Good ●● Fair ● Not Recommended

Y : All year S : Summer W : Winter bwc : By weight of cement NA : Not applicable