

Admixtures

Chemical admixtures are used to modify and improve the properties of fresh and hardened concrete or mortar.

Product	Description	Typical Uses	Dosage/ Coverage/ Yield
Conplast SP 430 5, 20, 200 litres	High range super plasticising admixture.	Speeds up construction, increases workability and cohesion, aids pumping by reducing line friction and dry packing, low porosity resulting in sustainability improved water penetration resistance.	0.5 to 1.5 litre per 100 kg of total cementitious material
Conplast RP264 5, 20 and 200 litres	Retarding and water reducing admixture.	Avoidance of cold joints where delay in transport and placing of concrete occurs-towers, chimneys, High-rise buildings, using slip form shutters, tunnels/shaft lining, off shore construction and piles.	0.2 to 0.6 litre / 100kg of total cementitious material
Auramix 4220 200 & 1000 litres	Auramix 4220 is differentiated from conventional superplasticizers in that it is based on a unique carboxylic polymer with long lateral chains. This greatly improves cement dispersion.	For applications where increased early and ultimate compressive strengths and slump retention are required. It allows the production of high performance concrete and/or concrete with high workability	0.5 to 2.5 kg/100 kg of total cementitious material.
Auracast 220 200 & 1000 litres	Auracast 220 is a particularly strong hyperplasticiser allowing production of consistent concrete properties around the required dosage.	For applications where increased early and ultimate compressive strengths are required.	0.2 to 3.0 litres/100 kg of cementitious material.

