

Construction Additives Products

BENNETT International Ltd., offers a range of construction additives products, designed to be highly effective in concrete technology /construction industry, to gain improved rheological properties in high performance concrete, mortars and grouts.

UNICRYL PCX Series Poly Carboxylate Ethers (PCE)

- Very high performance Superplasticizers as water-reducing admixtures. They are based on polycarboxylic ether modified polymer for the production of high quality concrete.

JASPREX Naphthalene Sulphonic Condensation calcium and sodium salts

RETANAL MS Poly Melamine Sulphonate Formaldehyde Condensates

- Medium to high range Superplasticizer to improve the quality of concrete by reducing water/cement ratio and giving good cementitious workability.

ROPOL Series Ethoxylated alcohols, Siliconic and Tributylphosphate liquids

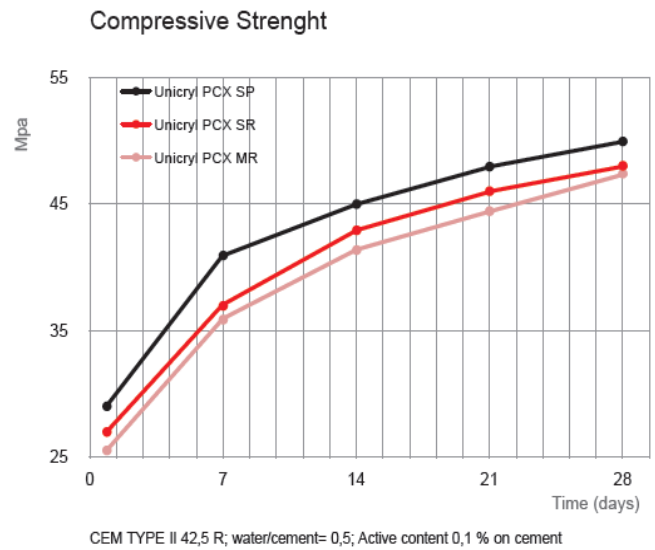
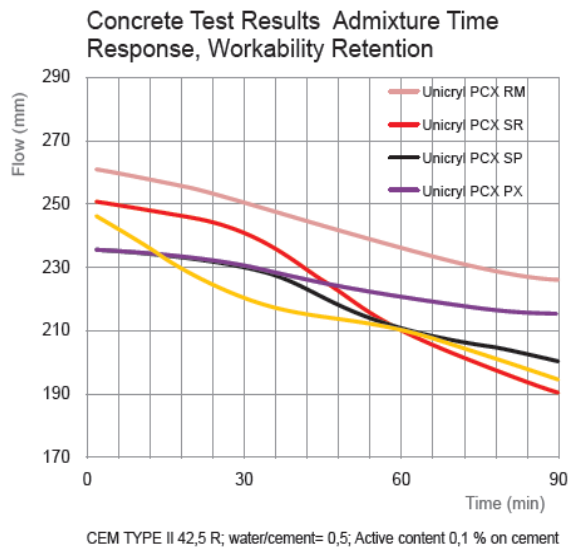
- Efficient foam control additives for concrete and mortar plasticizers;

UNITARD Series Polyester

- Highly efficient set-retarding admixture and fluidizer agents for concrete, especially for use in hot climates.

Characteristics & Applications

UNICRYL PCX Series are based on Poly Ethers; they improve pump-ability and workability of concrete, reduces water-cement ratio, and increases the final strength. They are used for the production of precast concrete and manufactured concrete. They enable the production of concrete with high pump-ability and workability, higher slump retention application, less bleeding, high flowing concrete application.



PRODUCT APPLICATIONS

Unicryl PCX RM for very high performance, high workability Ready Mix concrete. Producing high flow, longer slump retention and designed for use in hot climates.

Unicryl PCX M for Ready Mix concrete providing cost effective high performance and more cost effective. High slump retention

Unicryl PCX SP for Pre-Cast concrete, highly effective water reducer with Slump Retention

Under Development

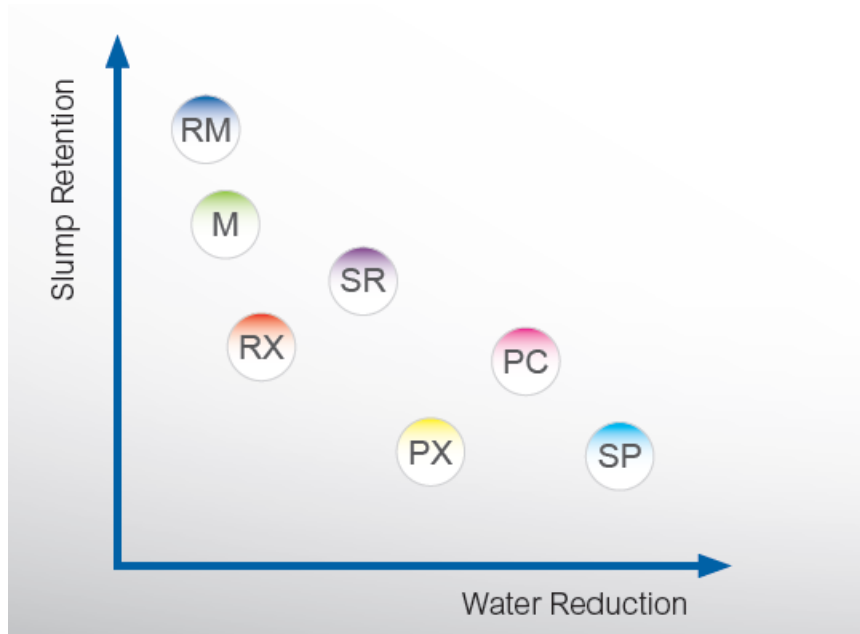
Unicryl PCX RX High flowing slump retention, less bleed

Unicryl PCX SR High slump retention, high water reduction

Unicryl PCX PX Precast concrete, high water reduction

Unicryl PCX PC Precast concrete, early strength concrete

General Characteristics of Products



Other Construction Products

TYPICAL PROPERTIES

Product	dry content %	sulphate max. %
JASPREX M CA	94%	1
Formulated for the gypsum industry especially for the manufacture of plaster wallboards		
JASPREX M	94	8
PNS very high molecular weight, sodium salt Powder		
JASPREX K	94	0.7
PNS medium mol weight, sodium salt, low sulphate content Powder		
JASPREX CA	94	0.7
PNS calcium salt, Powder		
JASPREX K40	40	1.5
PNS medium mol weight, sodium salt Liquid		
JASPREX KFS 40	40	0.7
PNS low mol weight, sodium salt, low sulphate content Liquid		

