



Product Data Sheet

BENNETT International Ltd

JASPREX PCE SCC POWDER

JASPREX PCE SCC POWDER is a modified polycarboxylic polymer, which has been especially developed and optimised for high performance mortar and concrete dry mixes. JASPREX conforms to ASTM C1611 / C1611M for SCC application.

CHARACTERISTICS / PROPERTIES

- | | |
|------------------------|---|
| ➤ Physical Form | Light powder |
| ➤ Total solids w/w: | min. 95% |
| ➤ pH 10% solution w/v: | 6,0 ± 0,5 |
| ➤ Chloride Content : | Nil. |
| ➤ Compatibility : | Can be used with all type of Portland and slag cements including sulphate resistant cement. |

USES

JASPREX PCE SCC POWDER is particularly suitable for producing self-compacting concretes (SCC) as well as high workability concretes having high final strengths, whilst giving fluidity/ consistencies during use, without segregation requiring no vibration to achieve optimum compaction. JASPREX conforms to ASTM C1611 / C1611M for SCC application.

METHODS OF USE (based on solids content of material)

JASPREX PCE SCC POWDER should be prepared either as pre-blend in powder admix or as a cementitious blend. The optimum dosage should be determined by site trials with the particular concrete mix. As a guide, rate of addition is generally in the range of 0.1 to 0.35% on quantity of dry cement. Depending on the application, the dosage of JASPREX PCE SCC POWDER varies from 0.05 for improved flowability character, or for a high range water reducing admixture, up to 0.5% of the powder weight. At high dosage or low temperatures, it may cause initial and final set retardation.

PACKAGING

JASPREX PCE SCC POWDER is available in 25 Kg bags

Self Compacting Superplasticiser/High Range Water Reducing Admixture mixture

- 2 -

HANDLING AND STORAGE

JASPREX PCE SCC POWDER represents no fire or health Hazards.

Recommended Shelf life when stored in dry warehouse conditions between 5°C and 25°C is 12 months.

Store must be in original sealed containers, protect from frost and direct exposure to sun light. Store in a cool, dry, ventilated area.

TECHNICAL SERVICE

BENNETT maintains qualified technical personnel to investigate and advise on subjects related to Concrete and the Construction Industry. BENNETT can advise on the correct use and selection of right products at the right place.

NOTE : This Technical data sheet is to be used as guidance only. Although the basic formulation of the product remains unchanged, production refinements arising from continuing research and evaluation programmes may occasionally result in marginal change in properties. The recommendation and properties of the product based on continuous monitoring of the product are not intended to infringe on other patents.

Company Registration Number : 5447449

BENNETT International Ltd

Edition 13.03.2014