

CHEMCRETE AWP

Chemcrete AWP is an anti-washout stabilising powder admixture for underwater concreting. AWP is a blend of thixotropic agents and superplasticisers. AWP is a concrete admixture designed to reduce the level of washout experienced when concrete is placed in underwater or tidal applications. AWP reduces segregation and greatly increases the cohesion of concrete mixes, and by altering the viscosity of the paste, reduces the risk of washout.

REDUCES SEGREGATION
REDUCES WASHOUT
SUITABLE FOR UNDERWATER CONCRETE

TECHNICAL INFORMATION

FORM: Free-flowing beige powder

CHLORIDE CONTENT: < 0.1% w/w

DOSAGE: 0.5 – 1.5% bwc

TYPICAL DOSAGE: 1 x 8.3kg bag per 2m³

DIRECTIONS FOR USE:

DOSAGE

When using Larsen AWP, the normal recommended mix design and procedures for placing concrete underwater should be followed. It is imperative that full trials are carried out before work commences, paying close attention to effects on pumpability, placing procedure, flowability and washout resistance. Should other admixtures be used in conjunction with AWP, for example R610, HP3, etc. impact on performance should also be checked. In general, it is recommended that minimum cement contents of 400 kg/m³ be applied. A dosage of 4.15kg / m³ is normal, depending on the specific level of washout resistance required. This equates to one bag per 2 cubic metres of concrete.

DISPENSING

The admixture should be dispersed onto the dry aggregate or cement. Allow thorough dry-mixing to ensure the powder is well dispersed, and wet-mixing times should be increased by up to 50%.

COMPATIBILITY

Chemcrete AWP can be used with all types of Portland Cements. It is also compatible with other admixtures, however, is not compatible with naphthalene-type superplasticisers. When used in conjunction with other admixtures, each must be dispensed separately into the concrete mix.

OVERDOSAGE

Excessive dosage will result in a severe loss of workability and may cause retardation of setting.

STORAGE

Store in closed containers in dry areas and away from extreme temperatures.

SHELF LIFE

6 months in unopened manufacturer's containers.

PACKAGING

Chemcrete AWP is supplied in 8.3kg bags.