

CAC[®]-Chemplast UW 10

Anti-washout admixture

CAC[®]-Chemplast UW 10 is ready to use liquid anti-washout admixture specially made for underwater concrete.

AREA OF APPLICATION:

- Tremmied or pumped underwater concrete.
- Thixotropic property of concrete or mortar wherever desired.
- Mortar and grouting application where mixes are fluid to control washout.

Primary advantages-

- Eliminates segregation for fluid mixes.
- No effect on water demand.
- Reduces concrete bleeding.
- Thixotropic action provides less washout & stiffening after concrete is placed.
- Slump behavior is same as untreated concrete.
- Minimal effect on setting time.
- Lower pumping pressure.
- Minimises environmental impact of cement washout in water.

SLUMP RETENTION:

CAC[®]-Chemplast UW 10 does not adversely affect concrete slump retention.

COMPRESSIVE STRENGTH:

CAC[®]-Chemplast UW 10 has marginal effect on compressive strength. May be use lower water/ cement ratio to get additional strength by using **CAC[®]-Chemplast UW 10**.

DOSAGE:

As a starting point, a dosage range of 0.1kg to 0.4kg per 100kg of cementitious material is recommended. Optimum dosage of **CAC[®]-Chemplast UW 10** should be determined in trial mixes. Please consult CAC Pvt. Ltd. Technical staff for further information.

CAC[®]-Chemplast UW 10 should be added at batching plant after all the concrete ingredients have been mixed. It is also possible to add **CAC[®]-Chemplast UW 10** at the work site provided adequate mixing is accomplished.

PACKAGING:

CAC[®]-Chemplast UW 10 is available in 20 kg pails & 245 kg drum.

STORAGE:

CAC[®]-Chemplast UW 10 must be store under cover, out of direct sunlight and protect from extremes of temperature. Failure to comply with recommended storage condition may result in premature deterioration of the product or packaging.

Material must be stored at temperature above 10⁰C to avoid dispensing difficulties due to thickening. Do not allow material to freeze. **CAC[®]-Chemplast UW 10** can't be reconstituted after thawing.

TECHNICAL PROPERTIES:

Appearance	Brown flowing liquid
Specific Gravity @30°C	1.060 ± 0.020
Chloride content	Maximum 0.2%
pH	Minimum 6

The shelf life of the product is 1 year when stored as recommended.

SAFETY PRECAUTIONS:

CAC®-Chemplast UW 10 is a non-toxic and non-flammable. When in contact with the skin, it should be washed with cold water.

Disclaimer:

The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests and take trials to ensure on suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of the other materials used and on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The Company does not assume any liability or any consequential damage for unsatisfactory results, arising from the use of our products.