



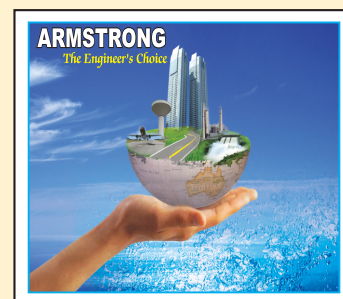
ARMSTRONG CHEMICALS PVT. LTD., Bengaluru
An ISO 9001 Certified Company



(Concrete plasticizer and Water reducer)
Chloride & Sulphate Free
(Confirming to IS 9103-1999)

DESCRIPTION OF THE PRODUCT

CONSPLAX - Concrete plasticizer and water reducing agent represents a great achievement in concrete technology, formulated after extensive research and experiments, it is a very efficient and dependable chloride free, concrete plasticizing and water reducing compound confirming to I. S. 9103-99 equal to the world's best. These compounds are regularly used in European countries and USA in concrete works, more particularly, in mass concrete – such as dams, barrages, canal lining, port projects etc., and also slabs and all concrete structures requiring better workability.



CONSPLAX lubricates the harsh mix and increases its cohesiveness and plasticity, consequently contributing immense benefits to concrete.

EFFICIENCY

The remarkable advantages of using CONSPLAX have been completely established after thorough tests carried out at worksites of various projects with impressive results.

DOSAGE

Depending on the workability requirements, the dosage of CONSPLAX can be varied from as low as 5ml, to maximum of 25ml per bag of 50 Kgs Cement. In most cases, however CONSPLAX serves adequately with a mixing proportion of 15-20ml per bag of 50 Kgs cement. The dosage should be increased to maximum 25ml per bag of 50 Kgs Cement for lean concrete mixes, for hand-mixed cement concrete as well as for mixes requiring greater fluidity.

Generally recommended dosage @ 20ml per bag of 50 Kgs Cement.

ADVANTAGES

The results of test carried out in laboratories and at project sites, have conclusively proved the significant advantages of using CONSPLAX.

- Completely watertight concrete through change in internal pore structure.



- Many fold increase in the durability.
- 40% increase in the durability of structure subject to sulphate salt, sea water and other aggressive waters.
- Provides water tight concrete due to remarkable improvement in the workability, cohesiveness and plasticity of the mix.
- Considerable reduction in water to cement ratio without any loss of workability.
- Distinct reduction in bleeding, segregation, honeycombing hair-cracks weak patches, rock pockets, weak & porous layers.
- Considerably reduced drying-shrinkage, surface, crazing pitting and sand streaks.
- Improved bonding at construction points and with steel reinforcements.
- Excellent protection to the concrete exposed to the corrosive atmosphere.
- For greater resistance of concrete against the disruptive effects of frost freezing and thawing.
- Satisfactorily concreting even with less well-graded aggregates.
- Much less breakages and damage to pre-cast concrete in green state.
- Better and smoother appearance of concrete.
- Greater covering capacity of the mix/mortar and remarkable ease of its placing.
- Improves resistance of concrete against thermal changes and marked reduction in cracking and crazing in screeds and renders.
- Deficiency of fine particles in sand made up

COST For all its impressive advantages, the cost of using CONSPLAX is extremely low and works out at between Rs. 1.30 to Rs.1.90 paise per bag of cement, depending on the dosage.

DIRECTIONS

Stir the compound thoroughly before use.

For convenience, first mix one liter of CONSPLAX in 49 Liters of water and ensure that the compound is completely dissolved in water. For every bag of cement, use one liter of this batch solution, if the dosage of CONSPLAX is determined at 20ml., use at 750ml. If the dosage is 15ml and so on.

IMPORTANT

At site of major projects, the mixing proportion of CONSPLAX should be determined by the tests conducted according to the specified mix design, using job cement and aggregates. Tests should be conducted by varying the dosage of CONSPLAX between 5 to 25ml per bag of 50 Kgs Cement.

Dosage of CONSPLAX should not exceed 25ml per bag of 50 Kgs Cement and should reduce water /cement ratio to get results.

ARMSTRONG products are tested, approved and extensively used in the works of CPWD., State PWDs', Irrigation, Housing Boards, Thermal / Hydel Power Projects, Steel Projects, Road Projects, Water works Projects, MES, Railways & Scores of important projects Internationally.

Whilst **ARMSTRONG CHEMICALS PVT. LTD.** strives to ensure that any advice, information or recommendation given are appropriate and correct. It cannot accept any liability directly or indirectly arising out of the use of products since the method and place of application of the products are beyond its control.



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