

PERMA PLAST-PC 202



HIGH RANGE HYPER PLASTICISING ADMIXTURE BASED ON POLYCARBOXYLIC ETHER

SPECIFICATION

Complying to: A.S.T.M. C494: Type A.F. and G IS - 9103-79.

DESCRIPTION

Perma Plast-PC 202 is based on Polycarboxylic ether and synthetic polymers. It may be dispensed at dosages varying between 0.6 to 2 percent by weight of cement depending upon type of concrete required.

PRIMARY USES

- 1) Perma Plast-PC 202 is recommended in all high grade concrete which has a cement content of over 375 kgs./m³.
- 2) Perma Plast-PC 202 is recommended in hot weather concreting where workability retention over long periods are required.
- 3) Perma Plast-PC 202 is recommended in marine structures, pile foundations, bridge girders, caissons and such structures where quality of concrete is of prime importance.
- 4) Perma Plast-PC 202 is also recommended where very high initial and ultimate strengths are expected.
- 5) Perma Plast-PC 202 is also recommended for use with Microsillica.

ADVANTAGES

- 1) Hyper plasticising action of this product produces free flowing concrete, with most kinds of aggregates and varying fine aggregates.
- 2) Perma Plast-PC 202 maintains the workability over long periods.
- 3) Perma Plast-PC 202 helps in production of high quality concrete which exhibits superior

compressive, tensile and flexural strengths and exhibits excellent resistance to chloride and sulphide attacks on concrete.

- 4) Perma Plast-PC 202 is compatible with all types of cements including puzzolonic, fly ash / slag cements and Microsillica.
- 5) Perma Plast-PC 202 is specially suggested in all high strength concrete and in construction of marine structures, pile foundations and bridge girders.
- 6) Perma Plast-PC 202 enables production of dense impermeable and fair finish concrete.

PROPERTIES

Colour	: Light Brown Liquid
Specific Gravity	: 1.16
Chloride Content	: Nil
Nitrate Content	: Nil
Freezing Point	: +5°C Material can be reconstituted by agitating at 30°C
Usage	: Shake well before use

COMPOSITION

Perma Plast-PC 202 is based on Poly Carboxylic ether and hyper plasticising synthetic polymers carefully selected to give superior initial and ultimate results.

HEALTH AND SAFETY

Perma Plast-PC 202 is not a health hazard or fire risk. Spillages should be washed immediately to avoid possibilities of slipping.

PACKING

Perma Plast-PC 202 is available in 30 kg. and 250 kgs drum.

SHELF LIFE

Twelve months if stored in manufacturer's sealed drums. Perma Plast-PC 202 should be stored in a place where temperature does not drop below +5°C. If the product is frozen, thaw at +30°C and agitate until completely reconstituted. Shake well before use.

STATEMENT OF RESPONSIBILITY

PERMA branded products when used in accordance with its current published directions for use performs as per its data sheets / catalogue. The manufacturer and the Distributor will not be responsible for other materials and conditions of inferior workmanship.

QUALITY ASSURANCE

All "PERMA" branded products are manufactured under strict quality control supervision as per exact manufacturing specifications. Should you find the behaviour of the product varying from the claims in the data sheets please stop the use of the product and contact the nearest Perma Staff or Distributor.

PERMA CONSTRUCTIONS AIDS PVT. LTD.

611 / 612, Nirmal Corporate Centre,
 Mulund (W), Mumbai - 400 080, India.
 Tel. : 91-22-2591 8911 / 2567 4690
 Fax. : 2590 3008
 E-mail: info@permaindia.com
 Visit us at www.permaindia.com

DISTRIBUTOR ADDRESS

An ISO 9001 Company