

USES

- This can be used for precast concrete and for other concrete or repair works where the temperature is low and the weather is cold.
- It could be used in pre-stressed precast reinforced concrete.
- To accelerate the setting and early strength gain in concrete and mortar mix.

PROPERTIES

- Chloride free
- It is used as an accelerator and accelerates both setting and early strength
- Has got water reducing properties
- Retains slump loss
- Helps in Workability

DESCRIPTION

Protekta SPC is an organic admixture designed for use in concrete or mortar mix. Reduces setting time and accelerates the strength gain.

APPLICATION

Protekta SPC should be stirred well before use. The dosage should be predetermined before it is dispersed in the concrete or mortar. The measured quantity of Protekta SPC should be added directly into the water.

TECHNICAL DATA

Appearance : Yellowish white semi liquid
pH : 9-10
Specific gravity : 1.34
Chloride content : Nil

IMPORTANT NOTE

Protekta products are non-hazardous when properly handled, stored and applied. When handling suitable protective clothing should be worn. The materials should not be ingested, inhaled or make skin contact. MSDS are available.

WARRANTY:

The information given in this data sheet is based on many years of experience and is correct to the best of our knowledge and should be used only as a guide. Tech Dry (India) Pvt Ltd reserves the right to alter certain product parameters within the spectrum of properties in order to keep abreast of technical advances. The information in this document is based on the present state of our knowledge and is applicable to the product. Tech Dry (India) Pvt Ltd is responsible for the quality of the product at the time of despatch but is not responsible for its quality after subsequent storage, handling and application. Neither Tech Dry (India) Pvt Ltd nor its associated companies shall be held liable for any damage resulting from the handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Product	Control	Protekta SPC
Mix Design	M 40 /ACC	M 40 /ACC
W/C	0.38	0.38
Dosage		0.6% of cement
Slump	0 mm	0 mm
Setting Time	8.30 hrs	7 hrs
Compressive strength		
8hrs	20 KN	75 KN
16hrs	110 KN	180 KN
24hrs	170 KN	250 KN
3days	290 KN	350 KN
7days	710 KN	850 KN

The above results are based on the experiment conducted by our R&D.

DOSAGE : 0.6% to 1.50% for 50 kg cement

SHELF LIFE: 6 months in a closed uncontaminated container and should be used before the use-by-date printed on the container. However if the product is passed its used-by-date it is not necessarily unusable. A quality control should be performed on the properties relevant to the application or otherwise contact the manufacturer for further advice

STORAGE: To be stored in closed containers in a cool place and prevent from extremes of heat.

HEALTH & SAFETY: Non-Hazards, Non-toxic, Non-flammable

Tech-Dry (India) Pvt. Ltd.

769, Ground Floor, I Cross, I Stage, Indiranagar, Bangalore 560 0328, Ph: ++91-80-25255294 / 25255406,
Fax: ++91-80-25289159. E.mail: techdry@airtelbroadband.in, Website: www.techdryindia.com