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FAST PCE-SSR

High-Performance Retarder

PRODUCT DESCRIPTION

FAST PCE SSR is an advanced polycarboxylate polymer-based superplasticizer, that is especially designed for high slump retention, at a very low dosage. It enables the formulator to achieve an excellent control of the fluidity over the time in the production of high-performance concrete. Moreover, it has good compatibility with other PCE polymers.

ADVANTAGES

- Shows good slump retention.
- Produce the consistent concrete by protecting materials from separation.
- Increase the early strength of the concrete.
- Improves the pump ability due to a lower viscosity of the concrete.
- Effective at lower dosage.
- Low chloride and sulphate free.

APPLICATION INFORMATION

- Skyscrapers and large sized building.
- Self - compacting concrete structure requiring high fluidity.
- Bridges requiring high strength and durability.
- Pre-cast concrete structure with constituent concrete.
- Batching plants where high slump retention is required.
- General concrete that need initial dispersion.
- Civil engineering and construction site requiring sulfate resistance.

PHYSICAL PROPERTIES

Colour:	Translucent Whitish (Can turn yellowish with time)
Specific Gravity (30°C):	1.08 ±0.05
Solid Content %:	45±1
pH:	4.5-6.5

PACKAGING

In 1000 kg IBC
In 200 kg drum

INSTRUCTION FOR USE:

•**For manufacturing concrete of general strength:**

Weight % of Binder: 0.3 - 1%

•**For manufacturing concrete of High strength and fluidity:**

Weight % of Binder: 0.4 - 1.5% Decide a target dosage depending on mix design conditions, material used, temperature & mixer types.

CAUTIONS

Side effects of overdosing:

- Decide a target dosage depending on the concrete mix design.
- Overdosing can cause the segregation of concrete material and thus the strength of the concrete may become severely lower than the target value.