

PLASTCRETE
Super Plasticizer**General Properties:**

- **PLASTCRETE** is a Highly effective super plasticizer for concrete, which can also be used as an accelerator .
- Improve properties of concrete.
- Can be added with any proportion, with no side effect on concrete.
- Physiologically harmless and non-toxic.
- Recommended for use in the manufacture of reinforced concrete tanks & pipes for drinking water.
- Lowers the surface tension in the concrete mix. It forms a lubricating film, which increases workability in spite of decreasing water ratio. (See fig. 1)

Uses:

- Ready mix & site concrete.
- Pre-stressed concrete.
- Impermeable concrete.
- Used in sewage water structures .
- Fair face concrete.
- Pumped concrete.
- Precast concrete.
- Increases Chemicals resistance of concrete .
- Under water concrete.
- High early strength of concrete for traffic areas.

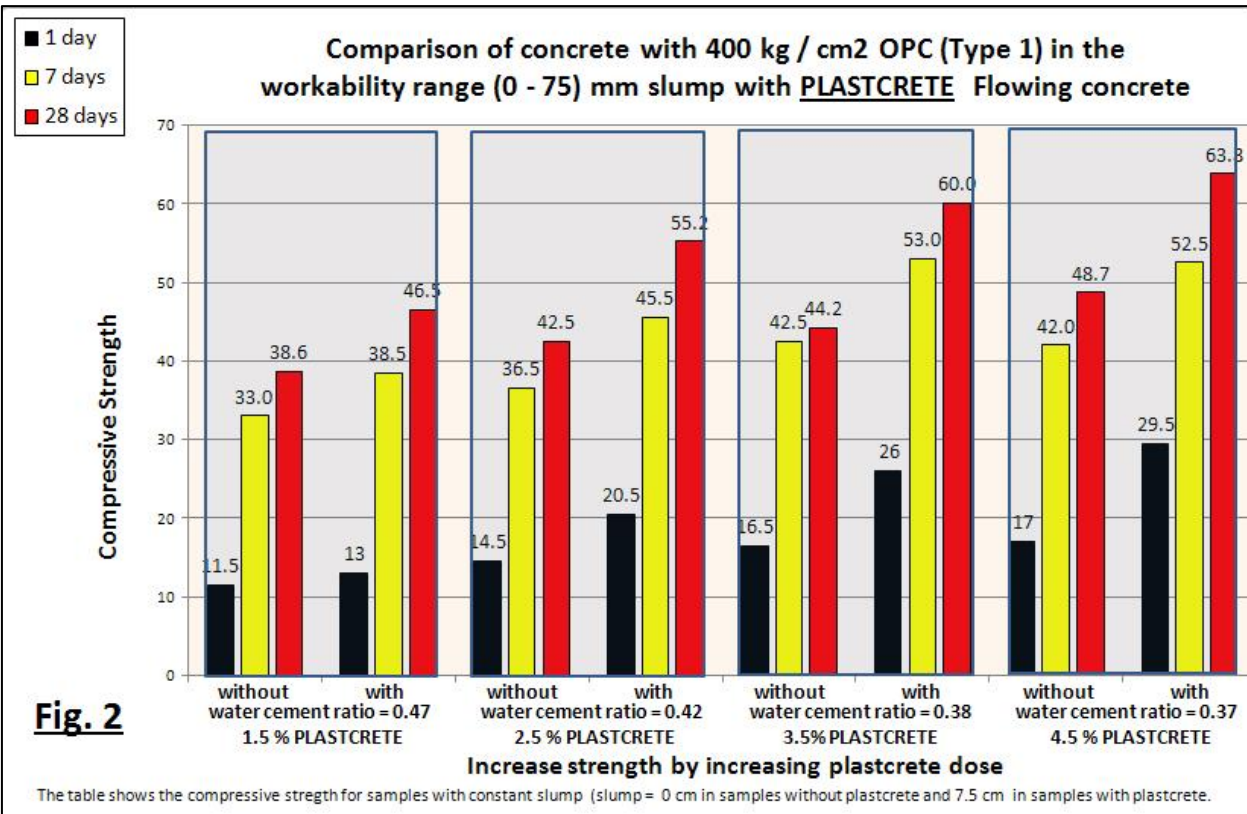
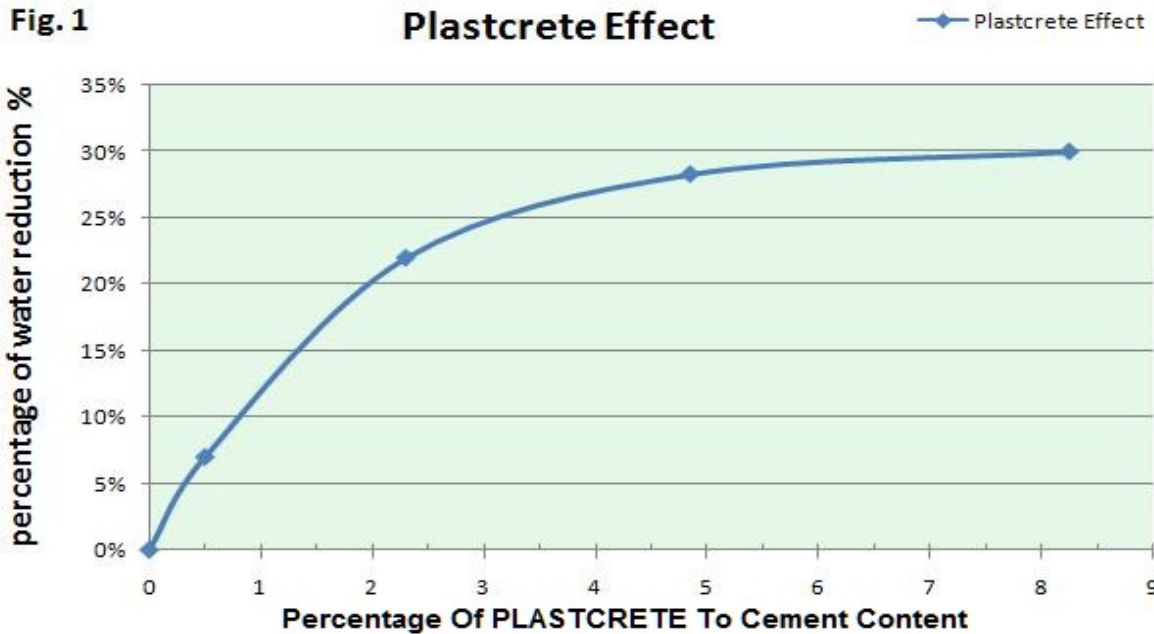
Mixing & Technical Data: (See Fig 2)

Dose	: 1.5-5% by weight of cement (see Fig. 1) to get the best result the plasticizer should be added after mixing concrete with the proper water ratio.
1st Setting	: same as the setting of concrete without additive.
Shrinkage	: decreases compared to concrete without PLASTCRETE .
Steel Bond	: the bond to steel increases 50% higher than untreated Concrete after one day & 6% higher after 28 days.
Compatibility	: with other admixture PLASTCRETE is compatible with PLAST TB101 .
References	: Complies with ASTM (C 494 - 77A Type E) . Complies with ASTM (C 494 - 80 Type A). Complies with ASTM (C 494 - 80 Type F).
Appearance	: clear to slightly milky .
Ph value	: 7-9 .
Shelf Life	: 12 months in closed container away from sunlight, heat and humidity.

- Environment:**
- Boots, rubber gloves, dust masks, and safety goggles.
 - Refer to MATERIAL SAFETY DATA SHEETS (MSDS)

For more information please contact our technical department

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END OF TECHNICAL DATA

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