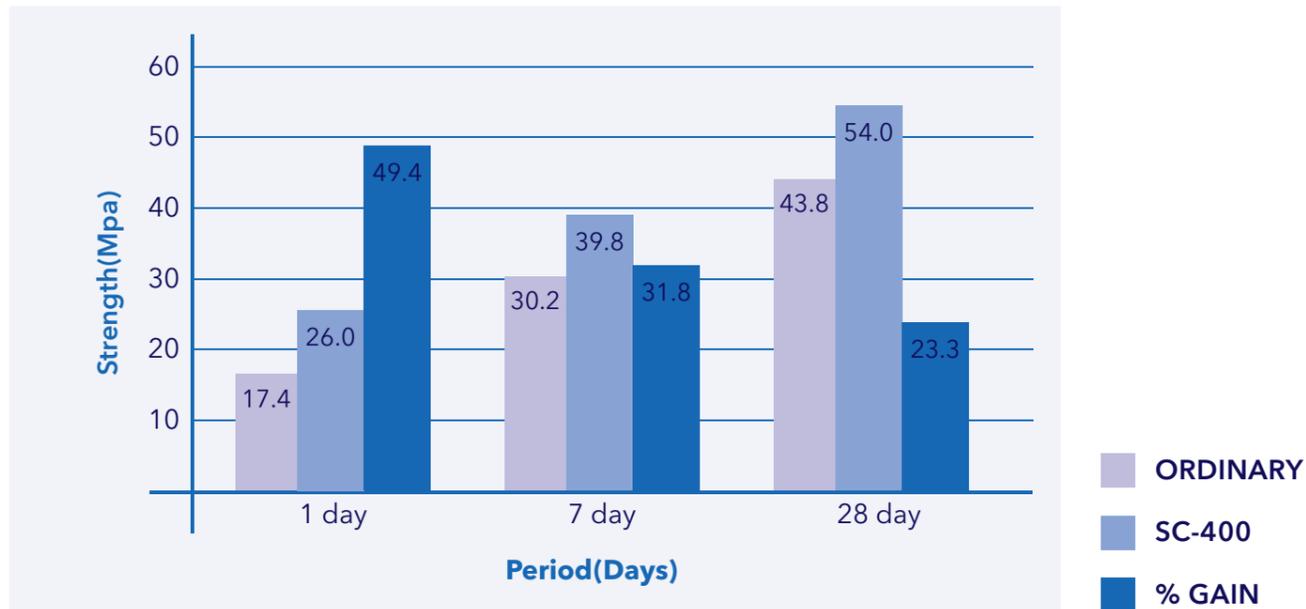


APPLICATION SEGMENTS



SEGMENT	BENEFIT	END PRODUCTS/APPLICATIONS
Pre Cast Constructions	<ul style="list-style-type: none"> • High Strength • Faster Demolding • Higher Productivity • Better end product quality • Economical 	<ul style="list-style-type: none"> • Precast Pipes, Articles Paver Blocks for various uses • Drain Pipes • Manhole Covers

Comparative Strength Development using SC 400



BUILTONIC™
FOR FASTER AND STRONGER PRECAST*



Manufactured, Marketed and Packed By:
TATA CHEMICALS LIMITED
P.O. Mithapur 361 345
Dist. Devbhoomi Dwarka, Gujarat, India

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GIFT City Gandhinagar, Gujarat-382355.

SC-400
CONCRETE
ADMIXTURE

ABOUT **TCL**

Tata Chemicals An Innovative, Science-led, Sustainable Chemistry company that is a part of the US\$ 106 billion Tata Group. Recognised as a global manufacturing company with 13 plants serving customers in 40+ countries across 4 continents. With manufacturing plants across America, Europe, Africa and Asia. The company is great emphasis on sustainability across both production and supply chain.

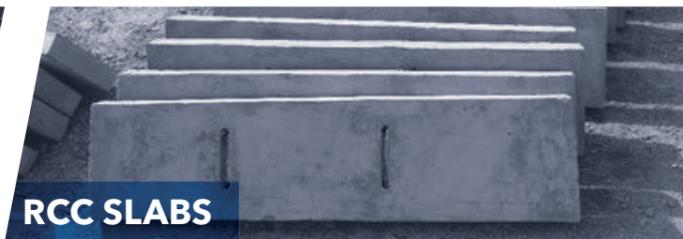
WHAT IS **PRECAST CONCRETE?**

Precast concrete is a form of concrete that is prepared, cast and cured off-site, usually in a controlled factory environment. Its RCC (Reinforced Cement Concrete-Cement concrete with Steel or PCC (Plain Cement Concrete).

Primary requirement is Higher Compressive Strength and Speed of Strength Gaining.

PROPERTIES

Appearance	pH	Bulk density	Particle Size
Light brown powder	> 7	800-1000 grams/litre	> =3.0 m (Less than 3 mm)



USAGE OF **PRECAST CONCRETE**



USAGE

- Dosage:- 1 Kg* for each bag of OPC/PPC/PSC/PCC.
- For producing high performance concrete for precast.
- No mixing with other construction chemicals.
- Prepare Mix with 50% water and add 1 Kg* Bultonic wait for few second and add additional water as per requirement.
- Concrete prepared with SC-400 should be used within 30 minutes after adding water.

*or as per site requirements

BENEFITS

- Early removal of mold.
- Higher pace of production.
- Higher initial and final strength of precast.
- Increased production.
- Great help during cold weather.
- Lower damage during removal of mold.
- Maintained color, as it does not react with pigments like chloride base hardener.
- Reduction in cement consumption due to lower water cement ratio in concrete.
- Reduces cracking due to lower water cement ratio.
- Improve compactness of concrete at lower water cement ratio.
- Increases Durability due to dense concrete.
- Improves surface appearance.
- Reduced risk of segregation and bleeding of concrete.
- Improved slump and reduce permeability.