



MCON SRP 100

BLENDED PC BASED SUPER PLASTICISER CUM
SLUMP RETAINER FOR CONCRETE UP TO M50



Product Description :-

MCON SRP 100 is a superplasticizer for free flowing concrete in floors, slabs, foundations, slender components with dense reinforcement, walls and columns and other structural elements. It is full-range water-reducing admixture which is based on the next generation of polycarboxylate technology. Concrete produced with MCON SRP 100 admixture achieves good strength after initial slump retention. MCON SRP 100 admixture also strikes the perfect balance between work ability retention and setting characteristics in order to provide efficiency in placing and finishing concrete

Features & Benefits :-

- Faster turnover of forms due to accelerated early strength development.
- Used in fast track construction.
- Reduces finishing labour costs due to optimized set times.
- Minimizes the need for slump adjustments at the job site.
- Used in fast track construction.

Areas of Application :-



*Ready Mixed
Concrete*



*Precast
Concrete*



*Pre Stressed
Concrete*



*Pumped
Concrete*

Technical Details :-

Colour	Dark Brown Liquid
Chemical Base	Aqueous Solution of modified Poly Carboxylate
State	Liquid
Density	1.04 to 1.06 g/cm ³
Chloride Content	<1%
pH	6 - 7





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Test done on Grade of Concrete M 35 :-

Mix	Dosage per bag of cement MCON SRP 100	Water : Cement Ratio	Slump in mm	Slump in mm		
				30 min	60 min	90 min
Control	0.0	0.50	70	38.0	27.0	10.0
MCON SRP 100	0.300 kgs	0.50	Collapse	150	125	110
MCON SRP 100	0.300 kgs	0.40	130	120	105	90

Easy To Apply :-

- MCON SRP 100 can be added into the mixing water or directly into the concrete mixer after 50 – 70% of the mixing water has been added.
- The addition of MCON SRP 100 to dry aggregate or cement is not recommended.
- To achieve optimum performance a minimum wet mixing time, which is depending on the mixing conditions and the mixer performance, of 120 seconds is recommended.



Dosage :-

300 gms / Bag of
Cement or 0.4 to
1.5% Per Bag of Cement



Packing :-

250 Kgs HDPE
Drum

Shelf Life :-

- 12 months in original packing if stored at room temperature i.e.25° C

Precautions & Safety :-

- MCON SRP 100 is non-toxic.
- However, splashes on the skin should be washed well with water and in contact with eye occurs, wash well with water and seek medical advice.

An ISO 9001 : 2015 - An ISO 14001 : 2015 - AN BS OHSAS 45001 : 2018

MCON RASAYAN PVT. LTD.

Trusted Partner In Construction Chemicals

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