



CLASSIC SUPERFLO PC BBA

compaction aid for wet semi dry/no-slump concrete products

Product:

Classic Superflo-PC BBA is a high performance compaction aid for semi-dry/no-slump concrete. conforms to IS 9103-1999

Description:

Classic Superflo-PC BBA is supplied as light yellow liquid based on Modified Poly Carboxylate, the powerful dispersing action of Super plasticizers can be used in many ways to obtain dense, high strength durable concrete.

The high water reduction up to 30% make **Classic Superflo-PC BBA** ideal for use in precast concrete where high early strength are of paramount importance. It is a chloride free. It is also suitable for M-Sand and P-Sand.

Composition:

Classic Superflo-PC BBA is non-toxic light yellow liquid based on Modified Poly Carboxylate.

Purpose & Uses:

offers substantial benefits to the producer of Wet, semi-dry/no slump concrete products:

- Efficient dispersion and distribution of cement, additives and pigments
- Give high early strength to wet concrete
- Improved movement of the concrete through the machine (faster mould filling)
- Optimized compaction with shorter pressing time and increased output [shorter production cycle]
- Minimized friction between the mould and the concrete [Reductions in equipment wear and tear]
- Reduced adhesion/stickiness between top layer concrete and pressing head/tamper (equipment/tools)
- Increased “green” strength on immediate de-moulding [keeps the shape of freshly de-moulded semi-dry concrete products because it prevents slumping after de-moulding]
- More economic concrete mix designs Create superior products

Advantages:

producing optimised coloured wet, semi-dry/noslump concrete with a very low water content. Wet, Semi-dry/no-slump concrete production is generally used in the manufacture of machine-made concrete products associated with instant de-moulding such as:

- Block Paving (grey / coloured)
- Cement Tiles (grey / coloured)
- Paving flags
- Kerb stones
- Edgings and other items for garden and landscape design
- Building blocks and bricks.

Dosage:

0.5 - 2.0% by weight of cement. Actual dosage to be finalized on the basis of site trials.

Mixing and Packing :

In general a mixing time of at least 30 seconds is essential, although the actual mixing time after adding the admixture depends on the individual circumstances and should be determined by trials. can be added with the mixing water or introduced at the end of the mixing process. **Classic Superflo-PC BBA** must not be used for wet cast concrete as this could result in excessive air entrainment and subsequent loss of strength. Before use suitability tests must be performed.

Available in 5, 10, 20, 50,100 Litre Carboy/Drums.



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Storage Life:

Minimum one year if stored below 50°C in original sealed containers. If allowed to stand for a long time, contents should be stirred before use.

Over-Dosing:

Overdosing up to double the normal dosage levels may lead to retardation of setting times and may tend to segregate and produce ultra-fluid

Typical Properties:

Physical State:	light yellow liquid
Specified Gravity:	1.02 kg/L +/- 5% @ 27°C
Chloride Content:	Nil as per IS 456 & BS 5075
Air Entrainment:	Less than 1% additional air entrained.

Tamilnadu Corporate office :

M349 Ist Floor Srinivasa Nagar ,Kavaripettai,Gumidipoondy
Chennai 601206
Ph.+91-8220513172,+91-9514709240

Factory :

N.603, selvavinayaganagar,Grant Lyon,Vadagarai,
Chennai 600052
Ph.+91-9444907177

Karnataka Branch office :

PRIMADON CONSTRUCTION CHEMICALS(P)Ltd,
Talacauvery Layout,Basavannagar, Bangalore 560037
Ph.+91-915087429,+91-9361638163,+91-9345411355

Puducherry Branch Office :

192,Near Vaikal Street Cutting, Chinna Subburaya Pillai Street
Puducherry 605001
Ph.+91-9345561820.



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