

Chettinad

HBC

Chettinad Cement a major cement manufacturing company of South India has its deep roots in the cement industry since 1966 and is known for sustainable, innovative, operational excellence in Products, Process and People. Chettinad Cement's commitment to environment and customers has resulted in introduction of different varieties cements from time to time and our pioneering solutions have become the norm in the market.

Chettinad Hallow Blocks Cement (HBC) is one such product which is being introduced looking at today's latest construction practices and it is produced at our state of art manufacturing units by inter grinding portland cement clinker with a combination of imported gypsum to a higher fineness so as to get very high one day compressive strength. The high grade quality of limestone is carefully selected in the process so as to deliver consistent quality to customers. This cement confirms to BIS 1489 .



Chettinad HBC is a futuristic product which caters to the current trend in building manufacturing industries like Precast and Prefabricated constructions. Due to its high early strength, superior finish and faster setting, leads to robust construction in fast phase.

ADVANTAGES OF HBC

- ➡ High early strength
- ➡ Contributes to optimizing the overall cost dynamics of the project with increased productive cycles.
- ➡ Higher resistance against chemical attacks.
- ➡ Suitable for repair work (Extended Life)
- ➡ High performance in concrete
- ➡ It gains high strength in the early days and the form work can be removed earlier
- ➡ It is a very durable cement which matches the fast pace of construction
- ➡ and budgets required to make projects operational.

Chettinad HBC Application



It ideally suits the precast and concrete application where high early strength is required

Concrete allied products (Block, Pavers, Electric pole manufacturing and Panels, etc.)

Road concrete works

Concrete repair works

High early strength concrete application

Suitable for offshore concreting

Highly suitable for cold weather concreting

Under-water concrete

PARAMETERS	RHPC BIS 1489	CHETTINAD HBC
Fineness	325m²/kg	350m²/kg
(By Blaines apparatus)		
Compressive strength (Mpa)		
1 Day	Not less than 16	26
3 Days	Not less than 27	40
7 Days	NA	48
28 Days	NA	58-60
Setting Time (minutes)		
Initial	Not less than 30	120-130
Final	Not less than 600	190-200

Storage: Rapid hardening cement should be kept in a dry and cool place.