



Concreel HD is a next-generation cement specially engineered for all your concrete-based construction requirements. Concreel HD provides high early and long-term strength along with quick setting, making it ideal for strength-bearing applications such as beams, columns, slabs, and foundations. The Concreel name likely represents concrete with the strength of Steel.

A result of the world-class manufacturing process, Concreel HD is also an environmentally friendly product with improved chemical resistance and superior cohesion, thereby providing more durability and increased safety to your structure. Therefore, Concreel HD is the perfect solution not just for your concrete-based construction needs but for many other applications.

JSW Cement is India's leading 'Green Cement' manufacturer and is part of the JSW Group. We have a strong commitment towards innovation in sustainability & technology to offer eco-friendly construction & building solutions to our customers. Growing exponentially since our inception in 2009, we have reached a production capacity of 20.60 MTPA (Million Tonnes Per Annum).

We envision a self-reliant India by boosting our colossal infrastructure and fast-growing economy through benchmark projects.

We cater to 11 major states in India across the eastern, western, and southern parts of the country.

JSW Cement emerged in the market as a leader in environmentally friendly product Portland Slag Cement (PSC). Since then, we have expanded our cement range to Concreel HD (CHD), Comp Cem (Composite Cement – PCC)

JSW Cement also extends its services through its construction products in categories like and Ground Granulated Blast Furnace Slag (GGBS) and Slag Sand for the use in concrete and other civil works. The latest introduction to this is the wide range of Construction Chemical products such as Tile Adhesive, Grout & Cleaner, Precision Steel Grouts, Mortar and Waterproofing Range

JSW is now being recognized as a holistic group for construction with Steel, Cement, Paints, and Construction Chemicals foray to the Indian market.

CEMENT COMPARISON

High Initial Strength

High Final Strength

Quick Setting

Chemical Resistant

Increased Durability

Superior Cohesion

Green Product

CONCREEL HD



PPC



MAJOR APPLICATIONS OF CONCREEL HD



All RCC structures, especially slabs, beams, and columns

- RCC footing, building the foundation for bridges, and underground constructions
- RCC works in high water table areas and marshy lands
- RCC water tanks and effluent treatment plants
- Pile foundations and pile cap
- Mass concrete work in dams, spillways, canals, expressways, etc.
- All other generalised construction requirements

HIGH EARLY STRENGTH



For all grades of concrete, Concreel HD exhibits superior early and final compressive strengths as compared to any other ordinary cement.

Features

- Stronger slabs, columns, beam and foundations
- Quicker de-shuttering of structures
- Increased safety of structures

GREEN PRODUCT



In line with our vision of providing superior quality products while nurturing the environment.

Concreel HD is a green product that delivers many advantages in manufacturing over PPC cement.

Features

- Conservation of natural resources such as limestone & sand
- Significant reduction in CO₂ emission
- Reduction in energy usage - fuel and electricity

MOST DURABLE



Modified pore structure & better interlocking between cement panicles limit permeability making Concreel HD more durable than PPC.

Features

- Improved protection from chemicals and water
- Less susceptible to crack formation
- Increased life of the structure

QUICK SETTING



Concreel HD provides a quick setting at par with PPC cement, with an initial setting time of 150 to 165 minutes and a final setting time of 205 to 215 minutes.

Features

- Optimum working time
- Ease of placement
- Initiation of hardening at the right time

SUPERIOR COHESION



The improved fineness of particles and controlled grinding makes Concreel HD more cohesive giving a smoother finish to structures.

Features

- Ease of placement
- Reduced water requirement
- Lesser bleeding of concrete

CHEMICAL RESISTANCE



Structures made using Concreel HD are less susceptible to get attacked by harmful chemicals such as sulphates, nitrates, water, and chlorides.

Features

- Protection from corrosion
- Lower maintenance
- Reduced restoration cost



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