

Holcim Hi-Denscrete

Specifications

Holcim Hi-Denscrete concrete is a specialty product developed by Product Development and Technical Services Department of Holcim (S) Pte Ltd, which is R&D wing of the company.

This product has many specialties as described below:

1. It has higher density as compared to normal concrete which make it heavier for special applications like anti-buoyancy properties for underwater structures.
2. It's special use is also for the purpose of attenuation of high-energy X-rays, gamma rays and neutrons.
3. This product has another special characteristic which is having heat and radiation resistance.
4. Though it is a heavy concrete, it is a self-compacting concrete, it is difficult to achieve as it contains heavy weight aggregates.
5. It's a combination of fine and coarse aggregates with up to 100% replacement of fine aggregates by washed copper slag and up to 100% replacement of coarse aggregates by iron ore. These with the combination of special admixtures will make the concrete self-compacting and self-leveling.