

TITLE OF INVENTION: Holcim Eascrete

SPECIFICATIONS / DESCRIPTION

Holcim Eascrete is a specialty concrete developed having self-compacting and self leveling characteristics providing a very high performance concrete generally with specified compressive strength up to 105 MPa.

This product has many specialties as described below:

1. It is a high performance concrete produced with a special mix design having low cementitious materials and using of new generation of admixtures, having self leveling and self compacting characteristics without the requirement of any vibration.
2. It saves construction time and costs for equipment and labour as described below:
 - a. Faster placement of concrete with very low manpower.
 - b. Easier to pump over higher and greater distances.
 - c. Lower energy requirements for placement and compaction.
 - d. Homogeneous concreting of zones with dense steel reinforcements.
 - e. Excellent bond between concrete and steel reinforcements.
 - f. Concrete voids and honeycombing is prevented.
 - g. Excellent surface finishing.
 - h. Long slump retention.
3. Unlike normal self-compacting concrete, this concrete has a specialty of using less cementitious materials, making it environmentally friendly.
4. It has less noise pollution and reduces CO2 emissions.

Claims

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