TITLE OF INVENTION: HOLCIM FLOATCRETE

ABSTRACTS

Holcim Floatcrete concrete is a specialty product developed having density lighter than water around 700 to 800 kg/m^3 against water density of 1000kg/m^3 and thus it makes lighter than water and it floats. It has plastic reinforcement which makes it durable when kept floating in water. It has a specially developed female and male stainless steel connector which creating path ways, vehicle ways and big platforms for installation like solar panels on water bodies. It would have required buoyancy force and structural strength to meet the above needs.

This concrete consists of environment advantages, such as conserving of land resource, reduce CO^2 emission due to use of lower quantity of Ordinary Portland Cement (OPC) and use of environment friendly materials like Ground Granulated Blast Furnace Slag (GGBS).

The product has been developed by combination of light weight aggregates creating annular air traps.

"No Suitable Figure"