

LIGHTWEIGHT DRY MIX AERATED CONCRETE



LITAGG CELLKON developed with LC3 (Lime Calcined Clay Cement) Technology
An emerging technology that will aid the construction industry to achieve Net Zero Emissions and work towards a more Sustainable Environment.

LITAGG CELLKON Properties

LIGHTWEIGHT

LITAGG CELLKON Density: @600 KG/Cubic Meter , in comparison to traditional screed concrete like brickbats/PCC etc reduces dead loads up to 3-4 times, depending on the design mix

THERMAL INSULATION

With Thermal Conductivity as low as 0.08-0.12 W/mK, LITAGG CELLKON offers 20 times better thermal insulation properties than normal Screed Concrete, reducing thermal losses from/to upper/lower floors and cost of cooling.

NON-FLAMMABLE / NON-COMBUSTIBLE

Unlike EPS/XPS, Styrofoam, LITAGG CELLKON is non-combustible and has fire resistance.

GOOD COMPRESSIVE STRENGTH

LITAGG CELLKON forms a hard and monolithic surface having at least 3-4 MPa compressive strength, giving seamless floor finish .This density provides good compressive strength to cover finish with plasters, tiles, china mosaics etc.

ACOUSTIC INSULATION

Reduces Airborne and Impact sound improving sound insulation properties within the screed system

APPLICATIONS

Terrace / Roof Screed ,Toilet / WC INFILLS Sunken area, Floor Screeds, Steel Building, Deck Slabs, Podium Fills, Inverted Beams Fills and varieties of Lightweight Fills applications

Packing: 2K (Hardener 30kg HDPE bags , Foamer : – 650gm Pack)

Coverage: 0.05 Cubic Meter or 1.76 Cubic Foot Density: @600 Kilo/Cubic Meter



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