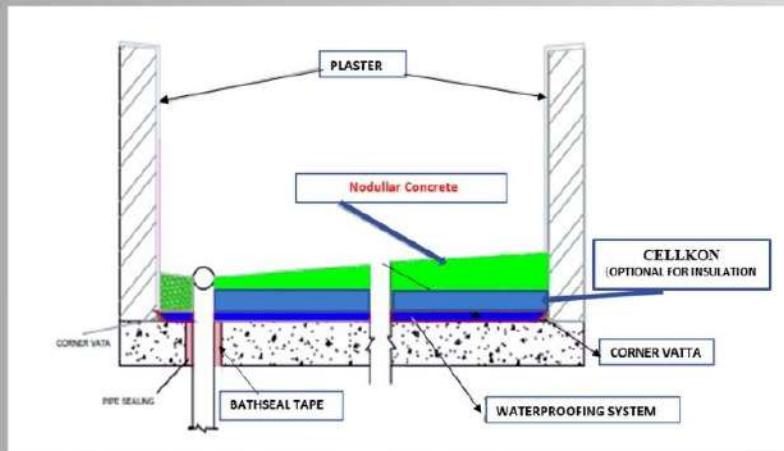


# nodullär®

## Lightweight Aggregates for Screed Mortar



nodullär aggregates are round pellets in shape with coarse texture, off white / ivory colored with a cellular structure inside are pelletized and processed resulting in light, porous aerated modules with a tough outer shell aggregates, used for roof/heat insulation. In addition each of the nodullär balls also acts to form of geometric barrier which helps to Displace and irradiates heat over a larger surface area the air entrapped thus, reduces the rate of heat transfer compared with dense, natural aggregates. Resulting the use of nodullär in concrete improves, (i.e. reduces) the thermal conductivity. Therefore, the thermal properties of nodullär have been used widely to improve thermal insulation in buildings and structures. Moreover Achieves '3S' Fundamentals : **(1.Substrate 2.Slope 3.Surface)** of water proofing application.

### Advantages :

Eco-Friendly / Green Building Light weight material

Good Compressive Strength ,due to enhanced Geometrical advantages and internal curing

Reduces Heat transmission through slab and increases Building comforts

Reduction in Structural Dead load ,Sound Proofing , Fire Resistance

Low Water Absorption

High durable , Long lasting

### Application :

Roof Waterproofing cum Heat Insulation

Light weight fill Roof/ Floor /sunk

Drainage for Roof Gardening /Landscaping

Light Weight Concrete

### Technical specifications :

- **Material :** Calcined Siliceous minerals
- **Size :** 4- 25 mm
- **Shape :** Normal round pellets/nodules
- **Aggregates Density :** @900 Kg/m<sup>3</sup>
- **Thermal Conductivity:** 0.12 W/mK
- **Pack :** 25kg HDPE bags



## LITAGG INDUSTRIES PVT LTD

7 , Xcelon Industrial Park , Changodar, Ahmedabad-382213

Mobile : 9825070625/8866117051

Email : litagg123@gmail.com Website : [www.litagg.in](http://www.litagg.in)