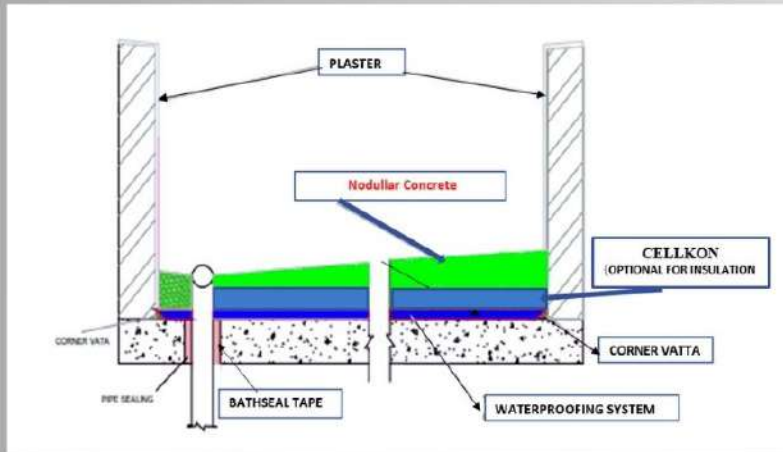


nodullär®

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/m³
- **Thermal Conductivity**: 0.12 W/mK
- **Pack** : 25kg HDPE bags



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