



**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' Substrate Slope Surface Fundamentals of water proofing for over deck 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
- Cavity Wall Filling

#### **Technical specifications :**

- Material : Calcined Siliceous minerals
- Size : 4- 25 mm
- Shape : Normal round pellets/nodules
- Aggregates Density : @700 Kg/m<sup>3</sup>
- Thermal Conductivity: 0.12 W/mK
- Pack : 25kg HDPE bags
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Manufactured and Marketed by :

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