

## White Cement

### White Portland Limestone Cement

#### White Cement

CEM II/A-L 42.5N

#### 1. Class

CEM II/A-L 42.5N

#### 2. Product description

The white Portland limestone cement is produced from specially formulated clinker by using specific raw material and burning technology to produce white cement.

#### 3. Application

- High quality and durability
- White color that can be pigmented in a versatile range of colors.
- Improves the water retention and reduces the risk of segregation, thereby supple and very easily pumpable

#### 4. Uses

- Tile Industry.
- Finishes.
- Plaster and masonry mortar.

PRODUCED BY NORTHERN CEMENT CO. - HKJ





شركة اسمنت الشمالية  
Northern Cement Company

# TECHNICAL DATA SHEET

## White Cement

### White Portland Limestone Cement

## White Cement

CEM II/A-L 42.5N

### 5. Available Pack

- Available in 50 Kg Bags and 1-1.5 tm Jumbo bags.

### 6. PROPERTIES

| Standards: JS 115 - 2010 / JS 30-1- 2016, EN 197-1/2011 |                     |
|---|---------------------|
| Parameter   | Benchmark NCC Plant |
| SiO <sub>2</sub>  |                     |
| Al <sub>2</sub> O <sub>3</sub>                          |                     |
| Fe <sub>2</sub> O <sub>3</sub>                          |                     |
| CaO   |                     |
| Cl  | < 0.05              |
| SO <sub>3</sub>   | Max 3               |
| Moisture  | < 1                 |
| f.Cao %   |                     |
| C3S   |                     |
| C2S   |                     |
| C3A   |                     |
| Y value   | 8284-               |
| Whiteness (Ry) (%)                                      | 9294-               |
| Lol   |                     |
| Blaine  | 5000                |
| Residue 45 micron                                       | < 4                 |
| Compressive strength 2 days (MPa)                       | > 12                |
| Compressive strength 7 days (MPa)                       |                     |
| Compressive strength 28 days (MPa)                      | > 44                |
| Initial setting Time (min)                              | > 90                |
| Finale setting Time (min)                               | > 140               |



PRODUCED BY NORTHERN CEMENT CO. - HKJ