



14/05/2020

ALOA Universal Trading is in partnership with a several Indian Cement factory competent and certified by European Standard quality, we export Cement by vessel in 50 kg bags into 1.5 MT Sling Bags (50 kg x 30 bags) or Big Bags of 1.5 MT.

SPECIFICATIONS of INDIAN Cement 42,5 Portland

**Grey Portland Cement for construction Grade CEM II 42.5 R or N
Indian Origin by European Standard EURO STD - EN 197-1,200 or
British Standards BS12/96 or ASTM C150**

CHEMICAL ANALYSIS

SiO₂ Silicon Dioxide 21%
Al₂O₃ Aluminium Oxide 5.30%
Fe₂O₃ Ferric Oxide 3.30%
CaO Calcium Oxide 65.60%
MgO Magnesium Oxide 1.10%
SO₃ Sulphur Trioxide 2.70%
LOI loss of ignition 0.90%
C₃A Tricalcium Aluminates 8.05%;
C₃S Tricalcium Silicate 60.00%
C₂S Dicalcium Silicate 15,00%
C₄AF Tricalcium Alumino Ferric 9.76%

PHYSICAL & MECHANICAL PROERTY

Blain CM₂/GR 3.250
Autoclave Expansion 0.02
Initial Setting time (VICAT) 105 Minutes Final Setting time (VICAT) 135 minutes compressive strength
03 Days – 230 KG/CM₂; 07 Days 305 KG/CM₂; 28 Days 420 KG/CM.

Documentation to be established by a state certified SGS Inspection Company

Documents required:

Certificate of origin Health Certificate or Phytosanitary Certificate

Weight and Quality Certificate Non radioactivity Certificate Fumigation Certificate

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