PORTLAND COMPOSITE CEMENT
TS EN 197-1:2012
CEM II/A-M (P-L) 42,5 R

THE USAGE OF CEM II / A-M (P-L) 42.5 R

It's used in general purpose application. It is generally used in works requiring high strength values. It's used in concrete include pavements, floors, reinforced concrete buildings, tunnel form applications, bridges, tanks, reservoirs, pipe, masonry units and precast concrete products. Moreover it's used in aggressive medium (including SO₃, Cl⁻). It has moderate sulfate resistant properties because it contains no more than 8% tricalcium aluminate(C₃A). The heat of hydration is lower than CEM I 42.5 R

PRODUCT INFORMATION

Standard Definition: It is a hydraulic binder. Portland composite cement is produced by grinding clinker and a certain amount of gypsum(CaSO₄·2H₂O) and a mixture of additive(%6-20) together. The gypsum is used in cement for regulation of the setting time. The additive which is used in cement can be selected according to the situation among the puzzolana, fly ash, blast furnace slag, silica fume, limestone, calcined shale.

Content : [%80 Portland Cement Clinker + %14 Puzzolana (Trass) + % 6 Limestone] + %5 Gypsum

CE No: 1784-CPD-0154

Standard Chemical Properties
- Sulphur trioxide (SO₃) ≤ % 4,0
- Chloride (Cl⁻) ≤ % 0,1

Standard Physical Properties
- Initial setting time ≥ 60 min
- Soundness ≤ 10 mm
- 2 days compressive strength ≥ 20,0 MPa
- 7 days compressive strength -
- 28 days compressive strength ≥ 42,5 MPa ≤62,5 MPa

The other properties
- Specific Surface (Blaine) - cm²/g
- Density - ton/m³

Our Products;
Should be protected against humidity
Should not be stowed in pile more than 10 bags
Should not be kept in stock more than three months
Should be used in accordance with EUROPEAN STANDARD
BURSA CEMENT FACTORY IS A MEMBER OF TURKISH CEMENT MANUFACTURERS ASSOC.