

PUZZOLANIC CEMENT

TS EN 197-1

CEM IV/B (P-V) 32,5 N

THE USAGE OF CEM IV/B (P-V) 32.5 N

It's used in general purpose application. It's more resistant to alkali and aggregate reactions. It's intended for use in massive concrete structures, such as large gravity dams. Water/cement ratio is higher than the others. It's used in foundation construction, in aggressive medium (including SO_4 , Cl^-), the reinforced concrete buildings which is required lower hydration temperature and higher impermeability and higher fluidization.

PRODUCT INFORMATIONS

Standard Definition: It is a hydraulic binder. Portland composite cement is produced by grinding clinker and a certain amount of gypsum ($CaSO_4 \cdot 2H_2O$) and a mixture of additive (%36-55) 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, silica fume.

Content : [%55 Portland Cement Clinker +%25 Fly Ash +%15 Trass +% 5 Minor Add.]
+%5 Gypsum

CE No:  1784-CPD-0240

Standard Chemical Properties

Sulphur trioxide (SO_3) \leq % 3,5

Chloride (Cl^-) \leq % 0,1

Standard Physical Properties

Initial setting time \geq 60 min

Soundness \leq 10 mm

2 days compressive strength \geq 10,0 MPa

7 days compressive strength -

28 days compressive strength \geq 32,5 MPa \leq 52,5 MPa

Puzzolanic Property Pozitive

The other properties

Specific Surface (Blaine) - cm^2/g

Density - ton/m^3

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

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