



## II/A-V 52.5N/SRC

SULPHATE AND SEAWATER RESISTANT CEMENT

**PACKED AND BULK**

### MAIN APPLICATIONS

- Reinforced concrete
- Concrete in contact with soil or water containing
- Foundations in gypsiferous soils
- Port and maritime projects
- Structural prefabs
- Shotcrete
- High strength concrete
- Concrete with alkali-reactive aggregates

### MAIN USAGE RESTRICTIONS

- Reinforced and mass concrete in big volumes
- Compacted dry concrete

### PRECAUTIONS

- Store in a watertight and dry place
- Store preferably for less than a month
- Take care of the dosage, mixing and curing to avoid desiccation
- Check temperature during mixing and curing in order to avoid shrinkage cracks during the first curing hours and the loss of rheology of fresh concrete
- Do not mix with gypsum or other type of cement

### SPECIFICATIONS

- Specifications UNE 80303-1:13

### Constituents:

- Clinker: 80-94%
- Fly ashes: 6-20%
- Minor constituents: 0-5%

*These values refer to the cement core excluding calcium sulphate or any other additive*

### Chemical requirements:

- Sulphates  $\leq 4.0\%$
- Chlorides  $\leq 0.10\%$

### Mechanical requirements:

- Compression strength at 2 days  $\geq 20.0$  MPa
- Compression strength at 28 days  $\geq 52.5$  MPa

### Physical requirements:

- Initial setting time  $\geq 45$  minutes
- Soundness  $\leq 10$  mm