



# EUROCEM 32, 5R

## Technical data sheet

### QUALITY:

EUROCEM 32, 5R complies with the chemical and physical requirements of EN 197-1 for class II 32, 5R cement.

Abbreviation	Naming	Clinker (%)	Limestone (%)	Gypsum (Calcium Sulphate) (%)
CEM II/ B-L 32,5R	Portland Limestone Cement	65-79	21-35	3-5

### Technical parameter CEM II/ B-L 32, 5R

#### Physical properties:

Property	EUROCEM	EN 197-1
Setting time (min)	>160	>75
Soundness (min)	<10	<=10

#### Chemical properties:

Property	EUROCEM	EN 197-1
Sulphate content (SO <sub>3</sub> -)	<3.5%	<3.5%
Chloride content (Cl-)	<0.08%	<=0.10%

#### Mechanical properties:

Property	EUROCEM	EN 197-1
Compressive strength 2 days	>14	>10
Compressive strength 28 days	>36	>32.5

### Special features of concrete made with this cement:

- Good early strength development;
- High strength at all standard ages;
- Wide range of uses and high performance even in moderate aggressive environments;
- Good workability.

### Recommended applications:

- **Reinforced concrete:**
  - all strength classes, especially those in the range of C08/ 10 to C20/ 25;
  - mass cast;
  - structural precasted elements that bear.
- **Road pavements:**
  - soil stabilisation;
  - bound granular base layers;
  - concrete surface layers;
  - unreinforced concrete;
  - general propose grout;
  - brickworks.

### EARLY STRENGTH - THE IMPORTANCE OF "R":

The "R" classification indicates that EUROCEM 32, 5R will achieve an early strength at 2 days  $\geq 10$  OMPa in accordance with the EN 197-1 specification.

("N" designation refers to a class with ordinary early strength development).

### ORDERS:

You can place your EUROCEM 32, 5R cement order via our Customer Service by contacting **84 560 99 03** or by e-mail: **sales@cdb.co.mz**

### AVAILABILITY AND DELIVERY:

- 2ton euro pallet (120x100x13H) cm, made of 40 bags of 50KG each, covered with plastic hood;
- Bulk, 30ton trucks self discharge.

### PRECAUTION REGARDING THE USE:

- Avoid placing concrete under low temperatures;
- Provide adequate protection and cure according to correspondent standard;
- Follow the standard minimum cement content and maximum water/ cement ratio.

### NOT RECOMMENDED:

- Under aggressive environment, strictly follow standard recommendations and technical information about the subject;
- Prestressed concrete.

### ENVIRONMENT AND SAFETY:

- Before starting any job, make safety the first step in your planning;
- Use proper protective clothing, gloves and eye/ face protection equipments;
- The production of this cement represents a CO<sub>2</sub> emissions reduction;
- For further information consult our Safety Data Sheet.

### IMPORTANT NOTICE:

The information contained in this technical data sheet is for general guidance only and should not be relied upon in specific instances. Cement performance results quoted are indicative as cement performance can be heavily influenced by a wide range of factors beyond our control.

Users should rely on professional advice according to their particular circumstances. To the extent permissible by law Cimentos da Beira will not be liable for any losses due to reliance on the information in this sheet or for losses due to the misuse of its products.

### CONTACT US:

For further information on EUROCEM 32, 5R please contact us: cel: 84 560 99 03  
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*With the publication of this technical data sheet earlier technical data sheet cease to be valid.*