



ALFACEM

TS EN 197-5

Composite Cement
CEM VI (S-LL) 32,5 R

► Main Constituents

$35\% \leq \text{Clinker} \leq 49\%$
 $31\% \leq \text{Blast Furnace Slag} \leq 59\%$
 $6\% \leq \text{Limestone} \leq 20\%$
 Setting time regulating calcium sulfate

► Chemical Requirements

$\text{SO}_3 \leq 4,0\%$
 $\text{Cl} \leq 0,10\%$

► Physical Requirements

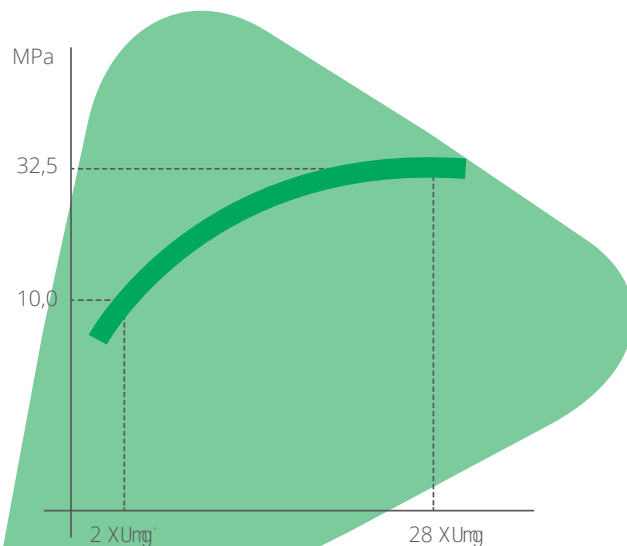
Initial setting (min.) ≥ 75
 Soundness (mm) ≤ 10

► Mechanical Requirements

Compressive Strength Development
 Minimum values
 2 days: 10,0 MPa
 28 days: 32,5 MPa

► Advantages

- High resistance to environmental impacts
- Low carbon emission
- Low hydration heat
- High workability



Compressive Strength Development · Minimum Growth Curve

► Recommended Applications

► Environmental Impacts

Suitable for waste water treatment plant projects, industrial ground concrete which is exposed to sulfate attack, concrete to be made for construction of dam and water channels.

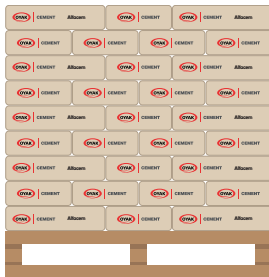
► Ground Injection Projects

Suitable for ground improvement projects with its high blaine and high resistance to environmental impacts.

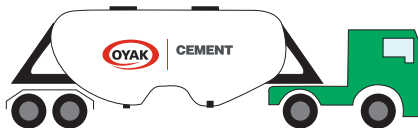
► General Use

For any and all kinds of repair, plastering and walling works.

► Availability and Delivery



- Bagged (25 kg, 50 kg)
- Slingbag (50 kg/1,5 Tons)
- Bulk



► Precautions in Application

- Follow the standard minimum cement content and maximum water/cement ratio.
- Provide adequate protection and cure according to correspondent standards.
- Keep framework and scaffolding in place until adequate mechanical strength is obtained.
- Ready-mix concrete: avoid long time transportation.
- Measures should be taken to prevent crack formation in concrete casting in hot and windy weather.

► Not Recommended for

- Not suitable for use in high strength concrete production.
- Not suitable for concrete production to be poured without any measures under cold weather conditions.

► Environment, Safety and Storage

- Wear suitable protective clothing, gloves, eye and face protection equipment.
- For detailed safety information, request the "Safety Data Sheet" of the product.
- Stock the bulk cements in suitable silos so that they are not exposed to moisture and wind, and the bag cements are stacked in a maximum of 10 rows in the warehouses protected from moisture, wind and cold.



CEMENT

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