

TS EN 197-5

Portland Composite Cement

CEM II/C-M (P-LL) 32,5 N
► Main Constituents

$50\% \leq \text{Clinker} \leq 64\%$
 $36\% \leq \text{Pozzolana+ Limestone} \leq 50\%$
 $6\% \leq \text{Limestone} \leq 20\%$
 Setting time regulating calcium sulfate

► Chemical Requirements

$\text{SO}_3 \leq 3,5\%$
 $\text{Cl} \leq 0,10\%$

► Physical Requirements

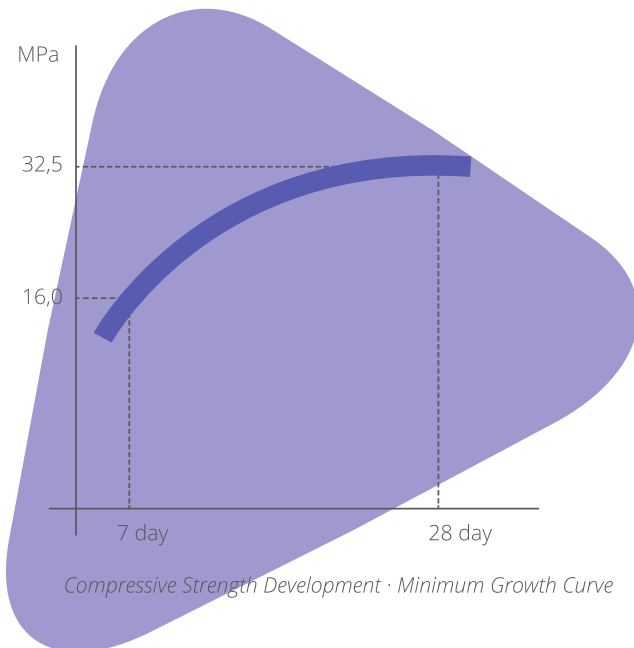
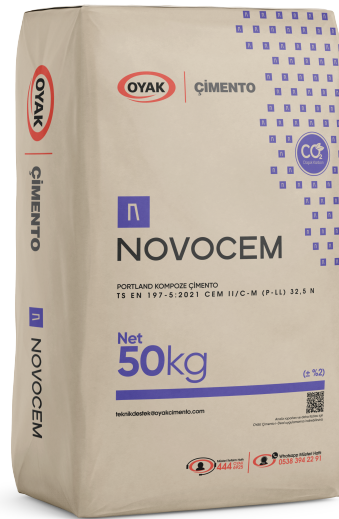
Initial setting (min.) ≥ 75
 Soundness (mm) ≤ 10

► Mechanical Requirements

Compressive Strength Development
 Minimum values
 7 days: 16,0 MPa
 28 days: 32,5 MPa

► Advantages

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



► 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.

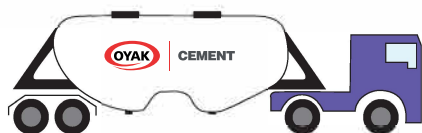
► General Use

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

► Availability and Delivery



- Bagged (25 kg, 50 kg)
- 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.



www.oyakcemento.com • www.oyakwhitecement.com

technicalsupport@oyakcemento.com



Whatsapp
Customer Care
0 538 394 22 91