

+Super White

TS 21
TS EN 197-1

CEM I 52,5 R

► Main Constituents

Clinker $\geq 95\%$
 Additional minor constituents $\leq 5\%$
 Setting time regulating calcium sulfate

► Chemical Requirements

Loss on ignition $\leq 5\%$
 Insoluble residue $\leq 5\%$
 $SO_3 \leq 4\%$
 $Cl^- \leq 0,10\%$

► Physical Requirements

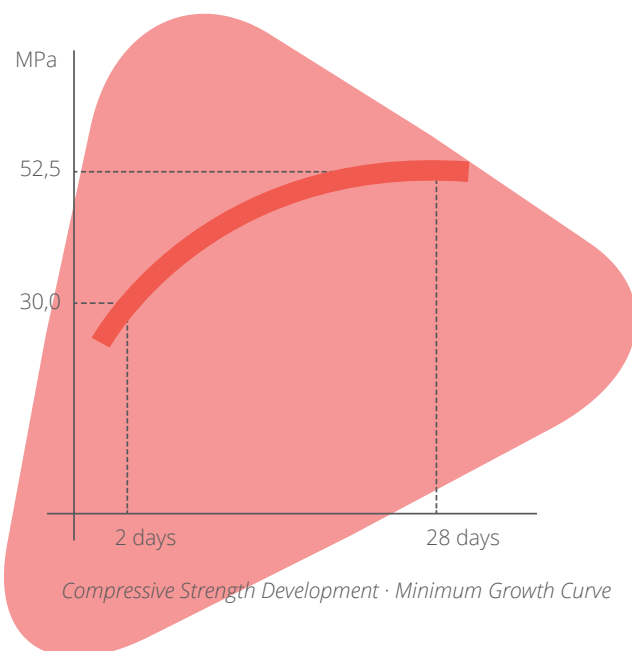
Initial setting time (min.) ≥ 45
 Soundness (mm) ≤ 10
 Whiteness $\geq 85\%$

► Mechanical Requirements

Compressive Strength Development
 Minimum Values
 2 days: 30,0 Mpa
 28 days: 52,5 Mpa

► Advantages

- High early strength/ high final strength
- Short molding time
- Minimum 85 % whiteness value
- Stable color tone
- Suitable open time period
- High workability



► Recommended Applications

► Precast Concrete

It is suitable for precast and prestressed concrete production with its early and final high strength. Smooth surfaces are obtained thanks to suitable particle distribution.

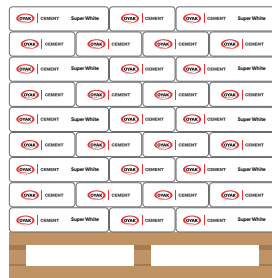
► Construction Chemicals

With its long open time and workability, it is suitable for the production of joint filler, tile adhesive and various construction chemicals.

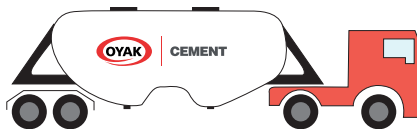
► Tile, Curbstone and Keystone

With its stable color tone, it is suitable for the production of elements such as paving stones, borders, urban furniture.

► Availability and Delivery



- Bagged (25 kg, 50 kg)
- Palletised (25 kg/1,4 Ton - 50 kg/1,5 Ton)
- Bigbag (1 Ton/1,2 Ton - 1,25 Ton/1,5 Ton)
- Slingbag (50 kg / 1,5 Ton - 25 kg / 1,25 Ton - 25 kg / 1,5 Ton)
- Bulk



► Precautions regarding use

- 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

- In the productions where high whiteness is required, the desired whiteness may not be obtained when used with aggregates whose color tone is not suitable.
- It is not recommended for use in concretes and mass concretes that require low hydration heat.

► 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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