

# **SnoWhite**

TS EN 197-1

**CEM II/B-LL 32,5 R**

► **Main Constituents**

65 % ≤ Clinker ≤ 79 %  
 21 % ≤ Limestone ≤ 35 %  
 Setting time regulating calcium sulfate

► **Chemical Requirements**

SO<sub>3</sub> ≤ % 3,50  
 Cl ≤ % 0,10

► **Physical Requirements**

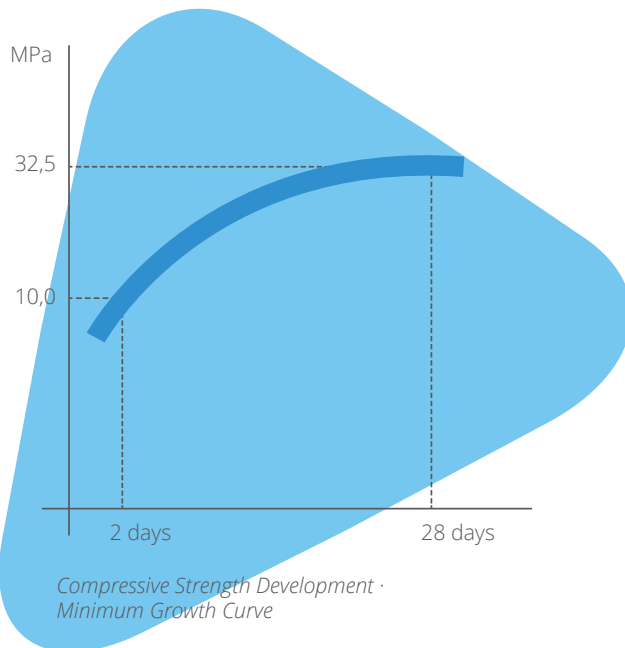
Initial setting time (min.) ≥ 75  
 Soundness (mm) ≤ 10

► **Mechanical Requirements**

Compressive Strength  
 Minimum Values  
 2 days: 10,0 Mpa  
 28 days: 32,5 Mpa

► **Advantages**

- High whiteness value
- Low hydration heat
- Low carbon emission
- High workability



## ► Recommended Applications

### ► Construction Chemicals

With its high whiteness value and workability, it is suitable for the production of joint filler, tile adhesives and various construction chemicals.

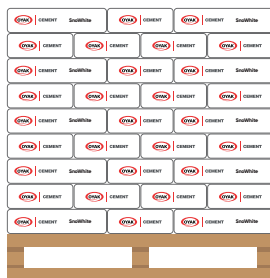
### ► Tile, Curbstone and Keystone

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

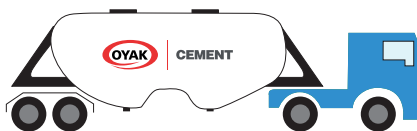
## ► Precautions in Application

- 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.
- Measures should be taken to prevent crack formation in concrete casting in hot and windy weather.

## ► Availability and Delivery



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



## ► 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.

## ► 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 cement 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.



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# Pro White

TS EN 197-1

**CEM II/B-LL 42,5 R**

### ► Main Constituents

$65 \% \leq \text{Clinker} \leq 79 \%$   
 $21 \% \leq \text{Limestone} \leq 35 \%$   
 Setting time regulating calcium sulfate

### ► Chemical Requirements

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

### ► Physical Requirements

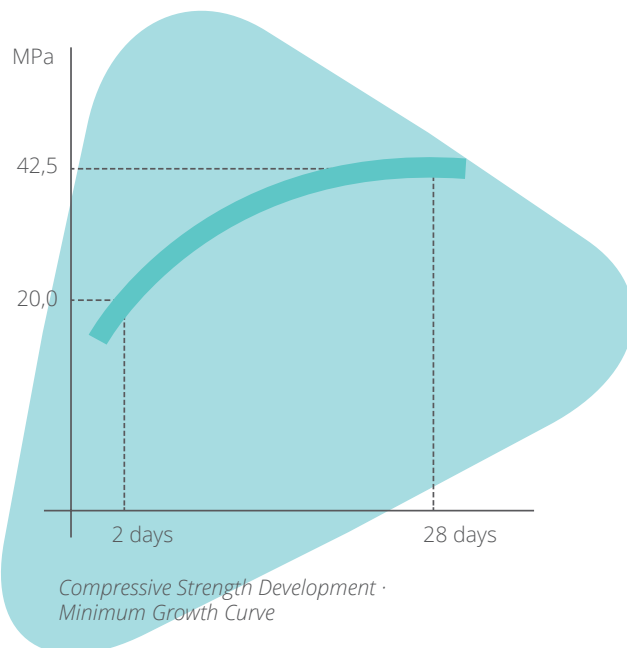
Initial setting time (min.)  $\geq 60$   
 Soundness (mm)  $\leq 10$

### ► Mechanical Requirements

Compressive Strength Development  
 Minimum Values  
 2 days: 20,0 Mpa  
 28 days: 42,5 Mpa

### ► Advantages

- High early strength
- Min. % 85 whiteness value
- Stable color tone
- High workability / Appropriate setting time
- With its low hydration heat helps to prevent cracking on surfaces
- Aesthetic and decorative



## ► Recommended Applications

### ► Precast Concrete

Thanks to its high fineness, smooth surfaces are obtained.

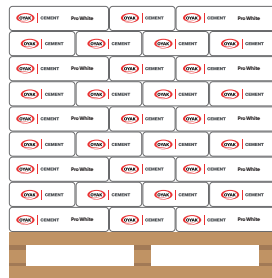
### ► Construction Chemicals

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

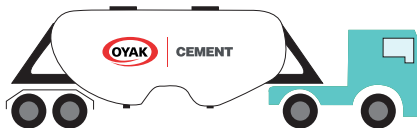
### ► Tile, Curbstone and Keystone

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 (1,25 Ton/1,5 Ton)
- Slingbag (50 kg/1,5 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.

## ► 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.



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# +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

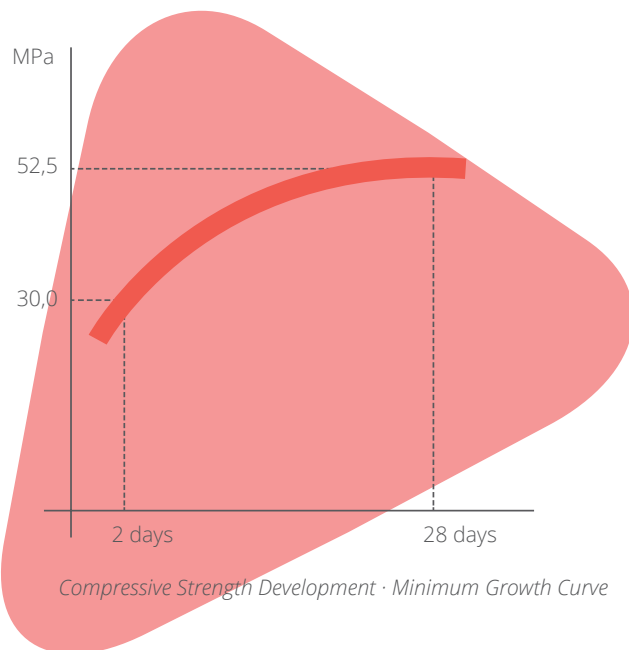
Initial setting time (min.)  $\geq 45$   
 Soundness (mm)  $\leq 10$   
 Whiteness  $\geq 85\%$

## ► 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.

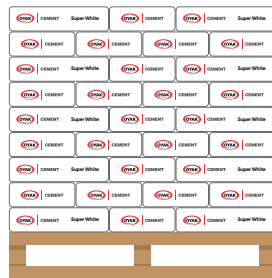
### ► Construction Chemicals

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

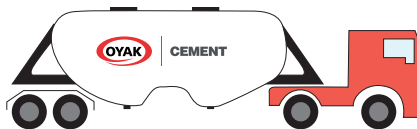
### ► Tile, Curbstone and Keystone

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.



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