



**CEMENT**





# White Cement

White cement for construction chemicals, precast, dry mortar, tile, curbstones, keystones and other aesthetic applications.

# Products

OYAK Cement has started white cement production with an annual capacity of 100,000 tons with its own facilities in 1998 in Adana Plant. With the technological investment in 2009, the annual production capacity reached 350,000 tons and with the new production line commissioned at the beginning of 2018, the production capacity of white cement has reached to 1,100,000 tons per year. OYAK Cement has reached to 85 different countries by its customer-oriented insight and has been offering various packaging types to meet customers needs such as bagged (25 kg, 40 kg, 50 kg), big bag, sling bag, liner bag and bulk.



## +Super White

Super White Cement is a type of Portland cement manufactured with special selected raw materials. It is preferred in projects that require aesthetics and strength with its high whiteness and high compressive strength. It is one of the highest strength and highest whiteness valued products on the market.

- + 85% Whiteness Value
- + High Early Strength
- + High Ultimate Strength
- + Smooth Surfaces
- + Appropriate Setting Time
- + Decorative
- + High Workability
- + Stable Color Tone



## Construction Chemicals

### Aesthetic Features:

- Min. 85% whiteness value.
- Products with desired color can be obtained with additional pigments.
- Aesthetic and decorative features.

### Technical Features:

- High early strength.
- High ultimate strength.
- Provides advantages for mass production with its stable strength values.
- Stable granulometry (Blaine).
- Advantageous in construction chemical applications with its high adhesion property.
- Provides high workability with long setting time.

### Economical Features:

- Provides an advantage in the amount of cement usage with its high strength property.
- Long setting time enables the manufacturer to save open-time regulator chemicals.
- Reduces chemical usage with its high adhesion property.
- Reduces the plasticizing chemicals usage with its suitable fineness.



## Precast Applications

### Aesthetic Features:

- Min. 85% whiteness value.
- Prevents color difference between products with its stable color tone.
- Smooth surfaces are obtained thanks to suitable particle distribution.
- Prevents surface cracks due to its low hydration temperature compared to its strength class.
- Products with desired color can be obtained with additional pigments.

### Technical Features:

- High early strength.
- High ultimate strength.
- Provides advantages for mass production with its stable strength values.
- Stable granulometry (Blaine).
- Provides low permeability to precast products thanks to suitable particle distribution.
- Provides advantages for exterior/outdoor applications.

### Economical Features:

- Provides an advantage in the amount of cement usage with its high strength value.
- Reduces or eliminates steam curing.
- Increases production capacity thanks to rapid mold removal.





# Tile, Curbstones, Keystones Application



## Aesthetic Features:

- Min. 85% whiteness value.
- Prevents color difference between products with its stable color tone.
- Smooth surfaces are obtained thanks to suitable particle distribution.
- Products with desired color can be obtained with additional pigments.

## Technical Features:

- High early strength.
- High ultimate strength.
- Provides advantages for mass production with its stable strength values.
- Stable granulometry (Blaine).
- Provides low water absorption and low permeability to products thanks to suitable particle distribution.
- Provides advantages for exterior/outdoor applications.

## Economical Features:

- Provides an advantage in the amount of cement usage with its high strength value.
- Reduces or eliminates steam curing.
- Increases production capacity thanks to rapid mold removal.





# Pro White

Pro White Cement is a type of Portland cement manufactured with special selected raw materials. It is frequently used in the production of construction chemicals due to its high whiteness and fineness.

- + 85% Whiteness Value
- + High Ultimate Strength
- + Appropriate Setting Time
- + High Workability
- + High Early Strength
- + Smooth Surfaces
- + Decorative
- + Stable Color Tone





## Construction Chemicals

### Aesthetic Features:

- Min. 85% whiteness value.
- Products with desired color can be obtained with additional pigments.
- Aesthetic and decorative features.

### Technical Features:

- Provides advantages for mass production with its stable strength values.
- Stable granulometry (Blaine).
- Advantageous in construction chemical applications with its high adhesion property.
- Provides high workability with long setting time.

### Economical Features:

- Long setting time enables the manufacturer to save open-time regulator chemicals.
- Reduces chemical usage with its high adhesion property.
- Reduces the plasticizing chemicals usage with its suitable fineness.



## Precast Applications

### Aesthetic Applications:

- Min. 85% whiteness value.
- Prevents color difference between products with its stable color tone.
- Smooth surfaces are obtained thanks to suitable particle distribution.
- Prevents surface cracks due to its low hydration temperature compared to its strength class.
- Products with desired color can be obtained with additional pigments.

### Technical Features:

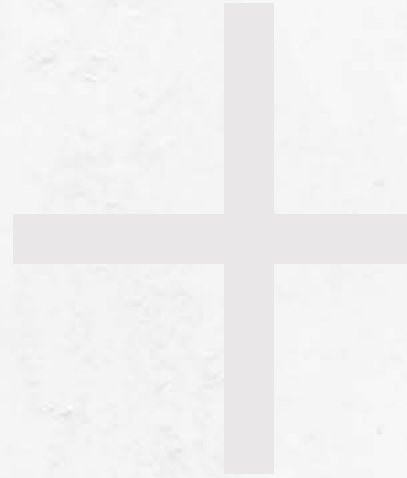
- Provides advantages for mass production with its stable strength values.
- Stable granulometry (Blaine).
- Provides low permeability to precast products thanks to suitable particle distribution.
- Provides advantages for exterior/outdoor applications.

### Economical Features:

- Provides desired color tones with less pigment usage.
- Reduces or eliminates steam curing.
- Increases production capacity thanks to rapid mold removal.



# Tile, Curbstones, Keystones Application



## Aesthetic Features:

- Min. 85% whiteness value.
- Prevents color difference between products with its stable color tone.
- Smooth surfaces are obtained thanks to suitable particle distribution.
- Products with desired color can be obtained with additional pigments.

## Technical Features:

- Provides advantages for mass production with its stable strength values.
- Stable granulometry (Blaine).
- Provides low water absorption and low permeability to products thanks to suitable particle distribution.
- Provides advantages for exterior/outdoor applications.

## Economical Features:

- Provides desired color tones with less pigment usage.
- Reduces or eliminates steam curing.
- Increases production capacity thanks to rapid mold removal.





## SnoWhite

SnoWhite is one of the most eco-friendly products and highest whiteness valued product in the market.

- |   |   |
|---|---|
|  <b>86% Whiteness Value</b>      |  <b>Aesthetic</b>        |
|  <b>Eco-Friendly</b>             |  <b>Decorative</b>       |
|  <b>Stable Color Tone</b>        |  <b>Smooth Surfaces</b>  |
|  <b>Appropriate Setting Time</b> |  <b>High Workability</b> |



## Construction Chemicals

### Aesthetic Features:

- Min. 86% whiteness value.
- Products with desired color can be obtained with additional pigments.
- Aesthetic and decorative features.

### Technical Features:

- Provides advantages for manufacturers due to its high early strength compared to its strength class
- Stable granulometry (Blaine).
- Advantageous in construction chemical applications with its high adhesion property.
- Provides high workability with long setting time.

### Economical Features:

- Long setting time enables the manufacturer to save open-time regulator chemicals.
- Reduces chemical usage with its high adhesion property.
- Reduces the plasticizing chemicals usage with its suitable fineness.



## Tile, Curbstones, Keystones Application

### Aesthetic Features:

- Min. 86% whiteness value.
- Prevents color difference between products with its stable color tone.
- Smooth surfaces are obtained thanks to suitable particle distribution.
- Products with desired color can be obtained with additional pigments.

### Technical Features:

- Provides advantages for mass production with its stable strength values
- Stable granulometry (Blaine).
- Provides low water absorption and low permeability to products thanks to suitable particle distribution.
- Provides advantages for exterior/outdoor applications.

### Economical Features:

- Reduces or eliminates steam curing
- Increases production capacity thanks to rapid mold removal.



# Technical Data

**+Super  
White**

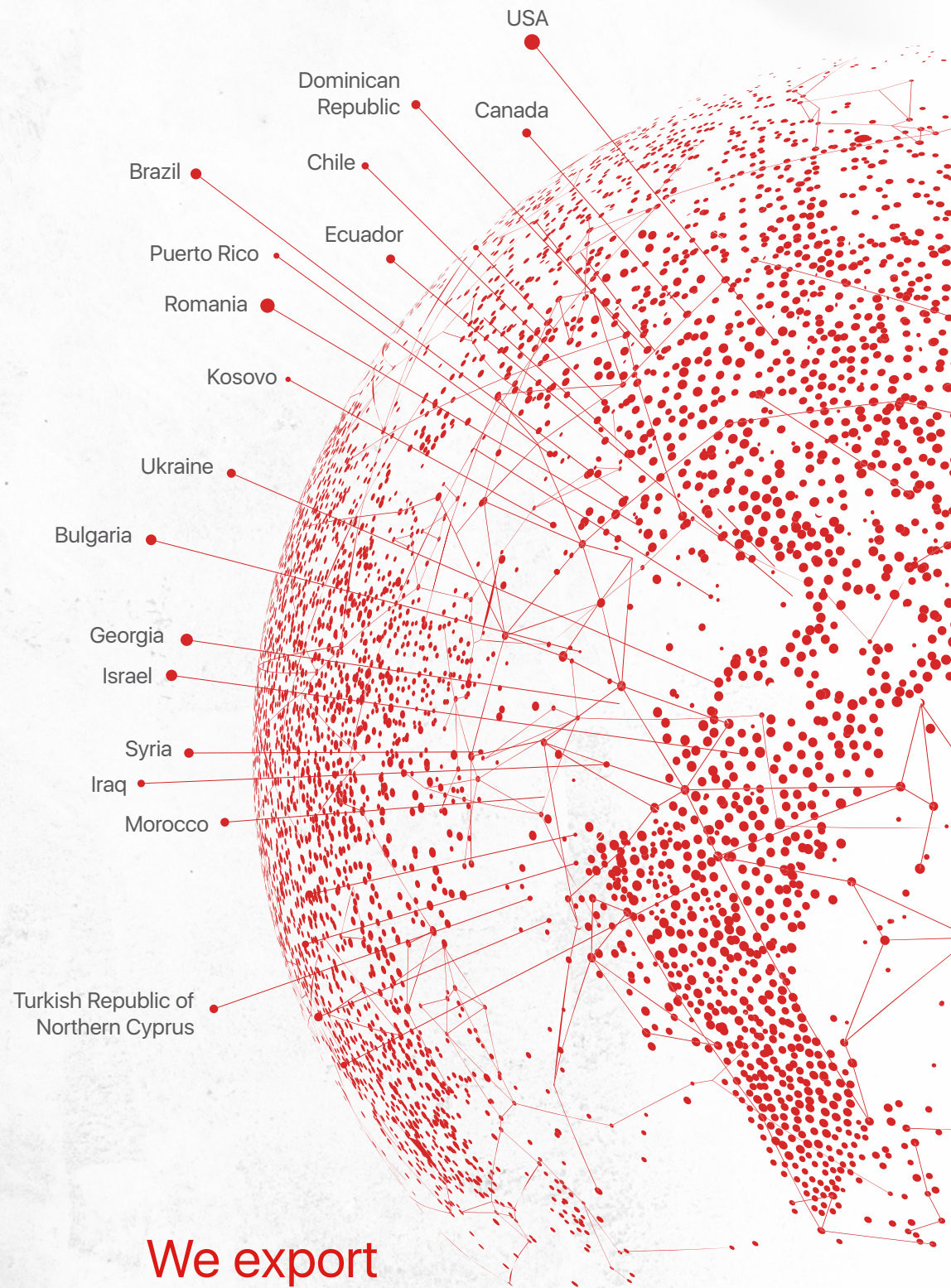
SUPER WHITE CEM I 52,5R WHITE BPC 52,5 R-85		OYAK CEMENT VALUES	TS 21/EN197-1 STANDARD	
			Min.	Max.
Whiteness (Y Value According to CIE)	%	85,8	85	-
Specific Surface (Blaine)	cm <sup>2</sup> /g	4204	-	-
Soundness	mm	1	-	10
Initial Setting Time	min	130	45	-
Final Setting Time	min	177	-	-
2 Days	MPa	37,1	30,0	-
28 Days	Mpa	58,4	52,5	-

**Sno  
White**

SNOWHITE CEM II/B-LL 32,5R WHITE		OYAK CEMENT VALUES	TS 21/EN197-1 STANDARD	
			Min.	Max.
Whiteness (Y Value According to CIE)	%	87	-	-
Specific Surface (Blaine)	cm <sup>2</sup> /g	5550	-	-
Soundness	mm	1	-	10
Initial Setting Time	min	130	75	-
Final Setting Time	min	160	-	-
2 Days	MPa	25,0	10,0	-
28 Days	Mpa	42,0	32,5	52,5

**Pro  
White**

PRO WHITE CEM II/B-LL 42,5R WHITE		OYAK CEMENT VALUES	TS 21/EN197-1 STANDARD	
			Min.	Max.
Whiteness (Y Value According to CIE)	%	86,10	-	-
Specific Surface (Blaine)	cm <sup>2</sup> /g	5150	-	-
Soundness	mm	1	-	10
Initial Setting Time	min	125	60	-
Final Setting Time	min	175	-	-
2 Days	MPa	31,0	20,0	-
28 Days	Mpa	51,6	42,5	62,5



We export  
to **85 countries.**





[oyakwhitecement.com](http://oyakwhitecement.com)  
[oyakcement.com](http://oyakcement.com)