

**PC 35M(S-L-V) 42.5R** (according to Rulebook on cement quality)  
**CEM II/B-M(S-L-V) 42,5R** (according to EN 197-1)

PC 35(S-L-V) 42,5R or CEM II/B-M (S-L-V) 42,5R is produce by grinding portland cement clinker with mixture of slag, limestone and fly ash by adding optimal quantity of gypsum.

TYPICAL PROPERTIES OF CEMENT IN TCK* PC 35M(S-L-V) 42,5R		REQUIREMENTS OF STANDARD Rulebook on cement quality**	REQUIREMENTS OF STANDARD EN 197-1***
SO <sub>3</sub> , %	2,6 ± 0,10	≤ 4,00	≤ 4,00
Cl <sup>-</sup> , %	0,005 ± 0,002	≤ 0,10	≤ 0,10
Initial setting time, min	160 ± 20	≥ 60	≥ 60
Soundness (expansion), mm	1,0 ± 0,5	≤ 10	≤ 10
Early strength (2 days), MPa	24,0 ± 1,0	≥ 20,0	≥ 20,0
Standard strength (28 days), MPa	55,0 ± 2,0	≥ 42,5; ≤ 62,5	≥ 42,5; ≤ 62,5

\* these figures are typical, serve as a guide and are subject to change;

\*\* limit values for single results;

\*\*\* requirements are given as characteristic values.

## CERTIFICATES

Cement PC 35M(S-L-V) 42,5R/ CEM II/B-M(S-L-V) 42,5R is produced in compliance with Rulebook on cement quality and EN 197-1.

For this product we offer :

1. IMS Certificates in accordance with Rulebook on cement quality;
2. CE marking according to EN 197-1 issued by EUROCERT.

## CEMENT CHARACTERISTICS

Consistent quality (water demand, setting time, strength);

Optimal initial and final setting time;

Moderate water requirements for standard consistency;

Rapid increase in strength;

High level of strength at all times;

The possibility of achieving high strength concrete.

## RECOMMENDATION FOR USE

Cement of wide application, compatible with various types of admixtures, intended to produce transported and pumped concrete, for all types of unreinforced and reinforced concrete structures and the production of concrete exposed to moderately aggressive environments.



Suitable to produce concrete of a higher strength classes, which are used in environments where moderate resistance to the effects of frost, frost and salt, and high water-impermeability are required.

## TRANSPORTATION AND STORAGE

Cement is dispatched in bulk.

During the transportation the product should be protected from contamination and moisture influence.

**Cement in Bulk** should be stored in dry, water resistant, clean silo, protected from contamination.