



1 GENERAL INFORMATION

Rego is a calcium aluminate clinker aggregate developed by the Çimsa Research and Application Center. It offers excellent compatibility with cement and mortar mixes when used as a filler.

Rego provides several advantages for refractory applications, such as;

- Tailor-made particular size distribution,
- High abrasion resistance,
- High thermal resistance,
- Supports acid resistance in CAC-based systems

2 APPLICATION AREAS

Rego is recommended for use in;

- Refractory applications,
- Mining applications,
- Pipelining.

3 PRODUCTION

Çimsa Aluminates products are produced in L-shaped kilns by fused method with the special cooling system.

4 PHASE COMPOSITION

Major Mineral Phase : CA

Minor Mineral Phases : $C_{12}A_7$, C_4AF

5 CHEMICAL COMPOSITION

Al_2O_3 (%)	CaO(%)	SiO_2 (%)
$\geq 38,5$	$\leq 38,0$	$\leq 5,0$

Fe_2O_3 (%)	TiO_2 (%)	MgO (%)
$\leq 19,0$	$\leq 3,0$	$\leq 1,0$

MINOR COMPOSITION

SO_3 (%)	Na 2Eq Alkali (%)	Cl-as ions (%)	S-as ions (%)
$\leq 0,2$	$\leq 0,3$	$\leq 0,01$	$\leq 0,1$

6 QUALITY CONTROL

Çimsa Aluminates products are produced according to TS EN 14647 standard. Production processes are certified according to EN ISO 9001, EN ISO 45001 and EN ISO 14001.

7 SAFETY INSTRUCTIONS

Standard safety requirements for regular cements have to be followed. For further information, please refer to the Safety Data Sheet of Rego.

8 STORAGE CONDITIONS AND SHELF LIFE

Rego must be stored in dry and sheltered conditions, in its original, tightly sealed packaging. When stored under these conditions, the product retains its properties for up to 12 months. No more than 10 bags or 2 pallets should be stacked on top of each other. The product should always remain in its original packaging, and when not in use, the package must be tightly sealed.

