

REGO



TECHNICAL DATA SHEET

1 GENERAL INFORMATION

Rego is a calcium aluminate clinker aggregate product which is designed by Çimsa Research and Application Center. Rego has superior compatibility with cement and mortar mixes as a filling material.

Rego offers various advantages for concrete applications such as;

- Tailor-made particular size distribution,
- High abrasion resistance,
- High thermal resistance,
- High early strength.

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 Phases : CA

Yardımcı Mineral Faz : C₁₂A₇, C₂AS, C₄AF

5 CHEMICAL COMPOSITION

Al ₂ O ₃ (%)	CaO (%)	SiO ₂ (%)	Fe ₂ O ₃ (%)
≥ 38.5	≤ 39.0	≤ 5.0	≤ 18.0

TiO ₂ (%)	MgO (%)	SO ₃ (%)	Na ₂ Eq Alkali (%)
≤ 3.0	≤ 1.0	≤ 0.2	≤ 0.3

6 OTHER PARAMETERS

Hardness (Mohs)	≥ 7.5
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7 QUALITY CONTROL

Production processes are certified according to EN ISO 9001, EN ISO 45001 and EN ISO 14001.

8 SAFETY INSTRUCTIONS

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

9 STORAGE CONDITIONS AND SHELF LIFE

Rego must be stored in dry and sheltered conditions. Based on previous experiences, its properties are preserved for more than 12 months when stored under proper conditions. More than 2 big bags should not be stacked on top of each other. The product must be stored in its original package. When it is not in use, the mouth of the package must be tightly closed.