



CEGIPS

CEGIPS is white to yellow white industrial gypsum produced by the neutralization process between calcium carbonate and sulphuric acid. This product with 6-12% of residual moisture content is consisted from needle shape crystals with $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ content min 95%.

Applications

Directly as an additive in Cement production in amount of app. 5%.

Indirectly with additional calcinations step for plasters, plasters binder, self levelling floors.

Technical data parameter

$\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ content	> 95%	ISO 1587
Moisture	6-12	ISO 1587
Crystal Water	> 20 %	ISO 1587
pH	6-8	In Water solution
SO_4	> 55 %	Gravimetric
Ca	> 22%	Volumetric
D50	80-110 μm	Malvern particle size

In comparison with nature Gypsum has Cegips many advantages as follows:

- Higher purity, more than 95%
- Higher sulphate content, > 55%
- Const quality
- Powder material with residual water content 6-12%

References

Wietersdorfer & Peggauer Zementwerke GMBH

Salonit Anhovo, Building materials, d.d.