

RENOFILL

RenoFill is a fine white calcium carbonate powder. The product is a mixture of calcite with varying contents of free lime.

CAS – numbers: 471-34-1 Calcium Carbonate, 1305-78-8 Calcium oxide

Use

RenoFill can be used as a filler in various plaster applications.

Chemical Composition

CaCO ₃	90 - 97 %
CaO	1 - 5 %
Water insoluble	94,3 %
Acid insoluble	0 - 0,3 %
Moisture	0 - 1 %
Bulk density	543 - 557 kg/m ³



Figure 1. In use with Mortar



Figure 2. In Use with Plaster

Mixing instructions

Plaster Class	Proportion to aggregate	Notes
100/600	10 - 30 %	Depending on application, the powder is white.

With the dosage is above, both the strength and the adhesion properties, as well as the usability are equivalent to standard aggregates.

Heavy metals

Metal/Element	Concentration mg/kg
Mercury, Hg	< 0,10
Chromium, Cr	2,80 - 18
Lead, Pb	0,84 - 5
Arsenic, As	< 1,9
Copper, Cu	0,4 - 17
Zinc, Zn	0,81 - 83
Nickel, Ni	0,88 - 30
Cadmium, Cd	0,13 - 0,63

Particle Size distribution by laser diffraction

Average: 10,83 μm

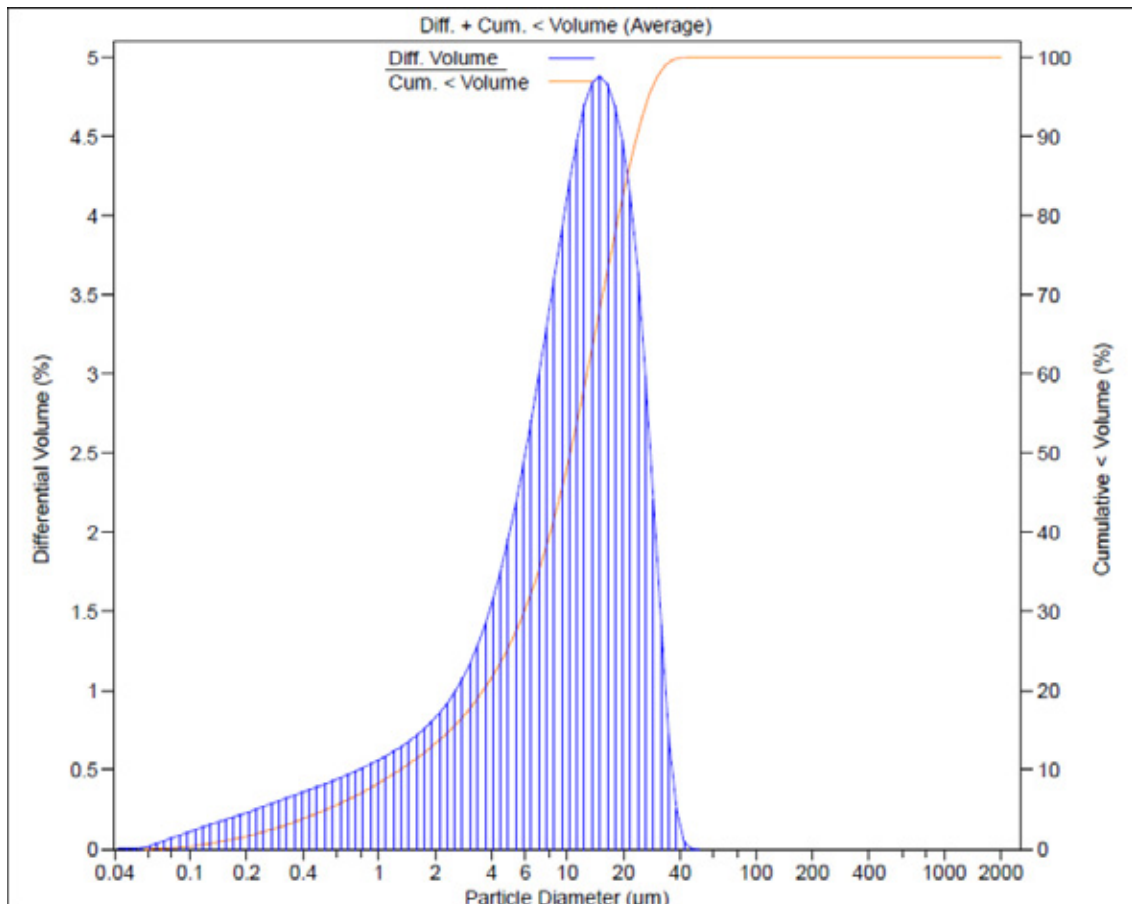


Figure 3. Particle size distribution (Renofill)