



## Standard Sand

### CEN EN 196-1/ ISO679/ BS 196-1

#### METHOD CEMENT TESTING

#### USAGE

**Sand for mortar – mechanical strength measurement according to standard CEN EN 196-1**

- Standard Sand CEN conforming to EN 196-1
- Standard Sand ISO conforming to ISO 679
- Standard Sand CEN conforming to BS 196-1

Mortar proportions are:

Standard Sand	<b>1350 g</b> (+/-5g)
Cement	<b>450g</b> (+/-2g)
Water	<b>225g</b> (+/- 1g)
Ratio W/C	0,5

#### TECHNICAL CHARACTERISTICS

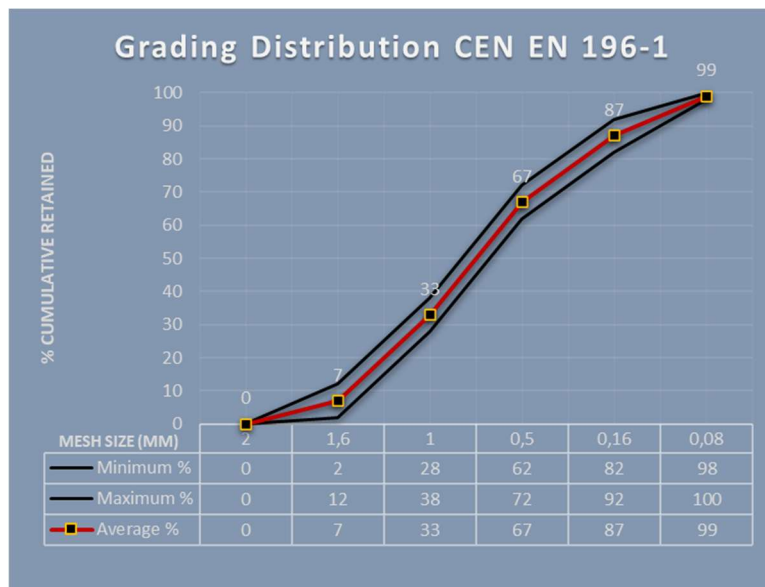
The CEN standard sand (ISO standard sand) is a natural and siliceous sand (silica > 98%)

The grains are rounded in shape. The sand is washed, dried, sieved and prepared in a modern workshop offering all guarantees of quality and regularity.

The sand is packaged in polyethylene bags, each containing 1 350 +/- 5 g.

#### CONTROLS

The particle size composition determined by sieving complies with the requirements of standards EN 196-1 (§ 5) and ISO 679: 2009 (§ 5)



The other controls are bag mass, humidity level measurements and mechanical strength checks, according to the requirements of standards EN 196-1 (§ 11) and ISO 679: 2009 (§ 11).

For maximum sand's regularity and neutrality in the mortars, the SNL performs other regular tests such as absence of chlorine, clay-type pollutant (blue method) and absorption rate.

### **CONFORMITY**

Compliance with the standard is checked by the L.E.M.V.P. (Laboratoire d'Essais des Matériaux de la Ville de Paris), 15 rue Jean Baptiste Berlier 75013 PARIS.

Certificate of compliance to the European standard is issued by AFNOR (Association Française de Normalisation), 11 Rue Francis de Pressensé – 93571 La Plaine Saint Denis Cedex.

### **PACKAGING**

Deliveries are made by unit / carton of 16 bags weighting 21.6 kg.

Our pallets include 2 to 54 boxes, protected by a polyethylene cover (road and sea transport) with a reinforced carton (sea transport). The export pallets are treated NIMP15.

For optimization, transport facilitation and pallet robustness, we advise to select the regular pallet of 45 boxes.