

## Advantages and benefits of its use

**Saving** due to the lightness of perlite when mix in concrete and/or mortar for construction templates and block filling you will save in foundations and slabs.

### Lightness

The common mortar cement-sand has an approximate weight from 1,900 to 2,000 kg/m<sup>3</sup>, when it is mixed perlite it can weight from 1,025 to 1,100 Kg/m<sup>3</sup>.

### Main applications

- Constructions templates
- Leveling fillings
- Wall flattening
- Block filling
- Commercial applications

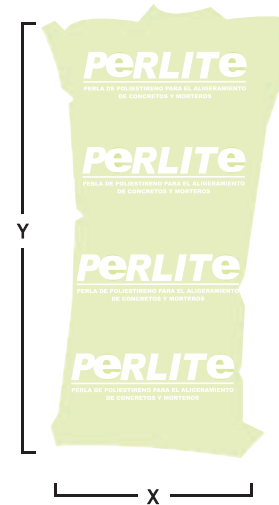
**Important:** It is not recommended its application in structural concretes.

### Easy operation

-For being a light product with an easy operation it doesn't require specialized labor for its application.

-Due to its lightness, it can be mix in concrete or mortar and it can even be used in places that require an application at several meters heights.

## Sack measurements



## Measurements and weight

**X Y**

49 x 1.14  
Units in cm.

1Kg. = 100 Lts

## Super Sack

16Kg. = 1,600 Lts

## Characteristics of the mix by type of preparation

1

Resistance

1

Resistance / Lightness



## Dosage Chart

By sack of cement of 50 kg.

To make a 1m<sup>3</sup> of mortar

Perlite sack	Arena cuvette	Water cuvette	Cement 50 kg.	Perlite sack	Sand cuvette	Water cuvette	Mortar weight kg/m <sup>3</sup>	Compression resistance fc=kg/cm <sup>2</sup>	K BTU-Inch/hr.ft <sup>2</sup> °F
1	3.5	2	6.5	6.5	23	12.5	1100	85	2.15
1	7	2	6	7	23	16	1025	60	1.75



Technical advice  
Type or services:

- Structural plans
- Sketch
- Fast specifications of quantification of materials.
- Memories of calculus.
- Telephone customer service

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## Recommendations

- To place the cement in the mixer machine and add the corresponding water and sand.
- To slowly add water in order to get a semi-humid mix.
- To pour the perlite in the mixer and mix, later incorporate the rest of the water.  
(To make easier, is recommendable to humidify the perlite before starting to mix)

## Additional information

- This product is not recommended for the manufacturing of estructural concretes.
- The maximum resistance that can be achieved by a mix of perlite is of  $f'c = 85 \text{ kg/cm}^2$

