



Technical Data Sheet:
Grey Cement

Code:
2304

Ref.: ST2304
Rev.: 2
Date: 02/12/2010

Product Type:
Cement

Formats:
5 – 1 kg

Product Characteristics:

It is a type II limestone Portland cement with high initial strength.
It contains, in accordance with the composition prescribed by UNI EN 197/1 (referring to the cement core excluding calcium sulfate and additives), 80% to 94% clinker, while the remaining part is limestone with TOC < 20% (LL) and any minor secondary constituents.

Technical Specifications of the Product:

<i>CHEMICAL REQUIREMENTS</i>	<i>PHYSICAL REQUIREMENTS</i>	<i>MECHANICAL REQUIREMENTS</i>
Loss on fire N.R.	Start of product setting time ≥ 75 min	Compressive strengths
Insoluble residue N.R.	Expansion ≤ 10 mm	2 days ≥ 10 Mpa
Sulfates (as SO ₃) $\leq 3.5\%$		7 days N.R.
Chlorides $\leq 0.10\%$		28 days ≥ 32.5 Mpa

Use / Applications:

It is commonly used for:

- structures that are not prestressed in elevation or morphologically slender,
- massive structures,
- foundation structures,
- walls,
- face-to-face castings,
- premixes,
- elements for street furniture,
- repairs of different types.

Its characteristics allow it to be used in a wide range of projects.

How to use:

With the addition of water, the cement becomes set, and over time it undergoes a subsequent hardening that gives it hardness and consistency. It can be mixed with fine sand to increase the volume and consistency of the mix or with water alone for finishing work.

Additional Information: //

The above information is provided based on our theoretical and practical knowledge. The company, however, does not assume any liability as the conditions of use and application are not subject to the control of Fidea SpA