

Description

Oue DRAGON is a cement designed principally for use in building.

Its main features are:

- Low water requirement and good workability.
- Lower risk of crecking.

Cement Features

	Typical values	Specifications according to standard
Clinker (%)	73	min. 65 - max. 79
Limestone (%)	23	min. 21 - max. 35
Minor additional component (%)	4	min. 0 - max. 5
CHEMICAL		
Sulphate, SO₃ (%)	2,9	max. 3,5
Chloride, Cl- (%)	0,04	max. 0,10
PHYSICAL		
Blaine specific surface (cm²/g)	5300	
Soundness Le Chatelier (mm)	0,5	max. 10
Initial setting time (min)	135	min. 75
MECHANICAL		
7 days compressive strength (MPa)	31	min. 16
28 days compressive strength (MPa)	40	min. 32,5 - max. 52,5

Shipping and Storage

- Available in bulk and in 25 Kg bags.
- The bags must be stored in dry and ventilated places. They must be protected from ground and atmospheric moisture.
- Bulk cement must be store in watertight silos.



Portland cement recommended especially for masonry mortars, for the preparation of special mortars, and for medium-strength mass or reinforced concrete works. Available in 25 kg bags and bulk. This cement features a carbon emissions reduction of over 30% compared to our reference cement CEM I 52.5 R from 2020 (*). The cement is manufactured with clinker aligned with European taxonomy.

Recommended for

- Preparation of all types of building mortars.
- Stabilizing of floors.
- Concrete compacted with a roller.

Not suitable for

- Pre-stressed concreted.
- Pre-stressed or post-stressed precast as structural elements.

Worksite precautions

It is important to pay attention to the curing processes, especially in extreme climate, cold or hot and dry and occasionally windy.

Environmental Note

Since 2009, at our factory in Sant Vicenç dels Horts (Barcelona), the implementation of new technologies in the production line, the use of alternative fuels, and improvements in the use of additions and grinding additives in our cements have allowed us to achieve a significant reduction in CO₂ emissions.

In this Portland cement, CO₂ emissions have been reduced by more than 30% per ton, calculated for Scope I and compared to our reference cement CEM I 52,5 R from 2020.

This cement is manufactured with clinker aligned with European taxonomy.

If you need more information, please request it from us. AENOR certifies the compliance of this cement with the specifications of the UNE-EN 197-1 standard (common cements), evaluating it according to the established regulations in the Specific Regulation RP 15.01 (N Mark). Therefore, it also has the corresponding CE conformity certificate. This cement contains a chromium (VI) reducing agent. AENOR also certifies compliance with the regulatory limit for the content of Cr (VI) soluble in water according to the UNE-EN 196-10 standard.

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