



WHITE PORTLAND CEMENT



AVAILABLE SIZE:
20KG

YIELD



20kg bag
0.18m³

Whiteness 90.5

Dricon® White Portland Cement is produced from extremely pure limestone & fine ground sand. Dricon® White Portland Cement is unique for its superior white colour, uniform composition and performance. It is suitable in any application that requires premium whiteness and strength. Dricon® White Portland Cement is white in appearance but can be coloured using selected Dricon® Oxitone® Oxides.

COMPRESSIVE STRENGTH 60MPa after 28 days

CONCRETE USE

White concrete is obtained by mixing Dricon® White Portland Cement with pure, light sand and white aggregates like white granite, white marble or crushed calcined flint. Conversely standard light grey concrete is obtained by mixing grey portland cement with ordinary aggregates. Coloured concrete is obtained by using Dricon® White Portland Cement with DRICON® OXITONE pigments in the selected concrete mix. The light reflecting properties of Dricon® White Portland Cement provide traffic with additional safety when used in concrete for kerbs, road markings, median barriers, tunnel linings and tunnel ramps.

AGGREGATES

The aggregates, especially the finer particles such as sand, have a major effect on the appearance of the

finished concrete surface.

The aggregates should therefore be selected, stored and used in an appropriate way so as to meet the aesthetic demands to the finished concrete surface. The mix of the aggregates should be kept as constant as possible in order to avoid differences in shade of the finished concrete surface.

ADMIXTURES

All admixtures should be colourless to avoid discoloration of the white or light concrete. Such admixtures that act upon the setting and hardening should also be used in accordance with usual guidelines. To ensure the requested white colour is achieved it is always recommended to make one or two proportionality dosed trial panels or slabs with the proposed mix then allow to dry then cure.

MORTAR & PLASTER USE

Dricon® White Portland Cement is used in various types of mortars and together with hydrated lime in a lime cement mortar. Dricon® White Portland Cement is ideal for mortar and plaster work for panels, balconies, cornices, ornaments, paving stones and flagstones, sculptures, in terrazzo, for swimming pools and in light pointing mortar.

AGGREGATES:

The sands used have a major effect on the appearance of the finished mortar or plaster. The aggregates should therefore be selected, stored and used in an appropriate way so as to meet the aesthetic demands to the finished product. The mix of the sands should be kept as constant as possible in order to avoid differences in shade of the finished mortar or plaster surface. Tools used for mixing the mortar should be stainless in order to preserve the white colour.

SUITABLE PROJECTS

- Concrete
- Mortars and Plasters
- Paving

Application	Dricon® White Portland Cement	Builders Mix in selected (coloured egg / sand mix)	Water
Footpaths / Mowing strips etc	1 part	6 parts	3/4 part
Driveways	1 part	5 parts	2/3 part
Foundations / Walls etc	1 part	5 parts	3/4 part
Masonry Mortars / Plasters	1 part	3 parts (Sand only)	To suit



DANGER

- Causes skin irritation
- May cause respiratory irritation
- Causes serious eye damage
- If medical advice is needed, have product container or packaging at hand

PREVENTION

- Only use outdoors or in a well-ventilated area
- Avoid breathing dust
- Wear protective clothing – safety goggles and a P2 dust mask must be worn
- Contaminated clothing should not be allowed out of the workplace

RESPONSE

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated cloth and wash before reuse. If skin irritation or rash occurs, get medical advice/attention.

IF INHALED: Move to fresh air and keep resting in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if worn and easy to do. Continue to rinse.

Immediately call the NATIONAL POISON CENTRE 0800 764 766 or doctor/physician.

GENERAL INFORMATION

If only part of the bag is required, mix the entire contents of the bag together first in a dry state, return the unwanted portion to the bag or alternatively a dry sealed container, then follow the instructions.

All mortars and concrete products may exhibit a temporary 'whitening', otherwise known as efflorescence which neither affects strength nor durability.



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