

DonPigment

High performance powder pigment with excellent tinting strength



Description

DonPigment is a high-quality inorganic oxide pigment in powder form specially designed to provide a highly durable and colour stable esthetic appearance for concrete and cementitious mixes.

Applications

DonPigment can be used to provide an aesthetic and colour appearance in the cement and concrete industry in different applications such as:

- ▲ Concrete cladding.
- ▲ Concrete paver and interlock.
- ▲ Roof tiles.
- ▲ Cementitious plasters.

Advantages

- ▲ Excellent tinting strength.
- ▲ Excellent resistance to lime and alkali.
- ▲ Weather and UV stable.
- ▲ Provides an excellent colour consistency.
- ▲ Easy to use.

Method of Use

DonPigment should be pre-mixed with aggregate firstly for around 30 seconds before adding the cement and mixing for a further 30 seconds. Otherwise, the mixing process to be done in the same manner of unpigmented concrete.

Mixing time plays an important role to achieve a uniform and consistent colour, and it depends on the type of mixer that will use. In general, for forced action mixers, mixing time should not be less than 2 minutes.

Dosage

The optimum dosage of DonPigment depends on several factors including but not limited to the desired colour degree, the colour of cement and aggregate, presence of other additives in the mix and others.

Technical Properties:

Appearance:	Fine powder
Colour:	Red, black, yellow and other
Tinting strength:	≥ 90%
Water soluble content: ISO 787-3	0.3 - 1.6% (Depending on the colour)
Sieve residue on 0.045 mm:	0.03 - 0.12% (Depending on the colour)
pH value: ISO 787-9	Minimum 3.5 Maximum 8
Bulk density: ISO 787-10	4.5 ± 0.5 g/ml

The guidance dosage of DonPigment is 2 - 5% of the cement content in the mix. However, it is necessary to conduct several trials to determine the optimum dosage of DonPigment to meet the performance and colour requirements by using the materials and conditions in the actual site.

Cleaning

Remove any spillage of DonPigment by wet (i.e. clean water) or dry methods.

Packaging

DonPigment is available in 15 kg bags.

Storage

DonPigment has a shelf life of 24 months from the date of manufacturing if stored in dry and shaded places away from moisture, weathering conditions and extreme temperature fluctuations in its original bags.

If these conditions are exceeded, DCP Technical Department should be contacted for advice.

DCP Saudi Co.
Riyadh Offices:
Exit 9, Al Izdehar, Beside ACDelco Petrol Station

Jeddah Offices:
Al-Henaki Business Center, Tower C

DonPigment

Cautions

Health and Safety

DonPigment is not classified as a hazardous material. DonPigment should not come in contact with skin or eyes. In case of accidental contact, wash immediately with plenty of water and seek medical advice.

For further information refer to the Material Safety Data Sheet.

Fire

DonPigment is nonflammable.

More from Don Construction Products

A wide range of construction chemical products are manufactured by DCP which include:

- ▲ Concrete admixtures.
- ▲ Surface treatments
- ▲ Grouts and anchors.
- ▲ Concrete repair.
- ▲ Flooring systems.
- ▲ Protective coatings.
- ▲ Sealants.
- ▲ Waterproofing.
- ▲ Adhesives.
- ▲ Tile adhesives and grouts.
- ▲ Building products.
- ▲ Structural strengthening.

DCP Saudi Co.

Riyadh Offices:

Exit 9, Al Izdehar, Beside ACDelco Petrol Station

Jeddah Offices:

Al-Henaki Business Center, Tower C

Note:

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.

