

TOPTARD

Spray On Top Surface Retarder for Construction Joints

DESCRIPTION

TOPTARD has been formulated as a blue aqueous liquid designed to be spray application on the top face of horizontal cast concrete.

TOPTARD produces an exposed aggregate finish suitable for keying construction joints or to enable excellent bonding of subsequent coatings or toppings.

ADVANTAGES

- Easily spray applied onto fresh concrete surfaces with a plastic sprayer
- Coloured blue to assist with uniform application
- Uniform depth of retardation/exposed aggregate
- Accidental contact with reinforcement will not impair bond of reinforcement to concrete as reversion will occur .
- Non-staining, suitable for pre-cast or in-situ concrete.
- Water based environmentally friendly product with no flammable or toxic solvents present.
- Alleviates the necessity of mechanical tooling/scabbling and eliminates the associated health risks.

PROPERTIES

Appearance: Blue aqueous solution.

Freezing Point: 0°C

S.G. @ 15.5°C 1.05

APPLICATION

TOPTARD should be spray applied using a plastic sprayer to fresh horizontally cast concrete at a rate of 3-5m²/ltr immediately after compacting with a wooden float, avoid using a steel trowel as this may seal the surface and negate the retarding action. Direct sunlight or high temperatures will also reduce the retarding time.

Avoid application to free standing/bleed water.

During curing period, protect treated surface from rain and frost. Once the bulk of the concrete has set, the retarded matrix should be removed by hosing/brushing to expose under-lying aggregate.

Removal should take place between 8-20 hours.

All equipment should be cleaned with water following application.

COVERAGE & YIELD

TOPTARD should be spray applied by plastic pneumatic spray equipment at the rate of 3-5m²/Ltr. The depth of exposure is governed by the cement content, w/c ratio etc. Trial casts should be assessed prior to use.

LIMITATIONS

Certain concrete admixtures will hinder the retarding action, as will mix designs that contain OPC replacement such as GGBS, PFA and other Pozzolans, again evaluate prior to use.

STORAGE & HANDLING

No special storage facilities needed.

Avoid freezing temperatures.

Spillages should be washed down to avoid slippery surfaces.

PACKAGING & TRANSPORT

Toptard is supplied ready for use in plastic 25ltr and 200ltr containers. Do not dilute.

Not regulated for Road Transport

HEALTH & SAFETY

Refer to separate material safety data sheet. Copies available by request.

QUALITY ASSURANCE

Direct Chemicals is a firm of assessed capability. The Company's quality system conforms to BS EN ISO 9001:2000 and is assessed by QMS International PLC. Products are manufactured under quality assured schemes.

Direct Chemical products are guaranteed against defective materials and manufacture. Products are sold subject to the Direct Chemical Terms and Conditions of Sale, copies of which are available on request. Direct Chemicals endeavours to ensure that the above data and any further advice is correct, however Direct Chemicals can not accept liability for the use to which products are put or the way in which they are used. All recommendations stated by the company are made in good faith. Recommendations do not over-ride the basic obligation of the user to satisfy themselves at all times as to suitability of the product for their particular application.



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