



Technical Data Sheet

Ecoproof 580 NS Non-Staining - Integral Waterproofing Admixture for Concrete/Blocks and Curbstone



Description

Ecoproof 580 NS is a liquid concrete waterproofing admixture formulated from selected organic materials specially designed help in produce hydrophobic and waterproofing properties when mixed with concrete. These hydrophobic materials help in prevent steel corrosion and reduce the permeability of concrete.

Application

Ecoproof 580 NS combination with Spectra rang or other high performance super plasticizer from Envirocon will produce high quality concrete of improved durability by reducing concrete permeability and water absorption

Advantages

- More durable concrete, lower in permeability.
- Provides concrete protection throughout the concrete depth.
- Chloride and bitumen free.
- **Ecoproof 580 NS** improves concrete aesthetic appearance, it reduces efflorescence, and it is suitable for pigmented concrete.

Technical properties

Appearance	Lumps free liquid
Color	Clear transparent Liquid
Specific Gravity	1.04+/-0.02
Total Chloride Content	Nil

Method of Use and additional rate

Ecoproof 580 NS can be added to the mixing water prior to its addition to the aggregates or directly to the freshly mixed concrete. If using with other concrete admixture, it should be added separately. For ready Mix Concrete. **Ecoproof 580 NS** can be added to the concrete immediately prior to discharge and after further mixing has taken place for three minutes.

Dosage Rate

Dosage rate of 0.5 – 2.0% liters per weight of cementitious material. It is recommended to carry out trial mixes with actual mix constituents to define the exact dosage rate required and to assess effect on the properties of the concrete.

Ecoproof 580 NS can be combined with other admixtures in our range provided that they should be added separately to the concrete mix. Trial mixes are recommended to ensure design parameters and dosage are attained. It is compatible with local cements and cementitious replacements.

Effects of overdosing

When overdosing beyond the design limit occurs, there will be increase in workability and air content, accompanied with a reduction in compressive strength. But the concrete water repellency properties will not be affected instead will be greatly improved.

Storage

Ecoproof 580 NS shelf life is 6 months from date of manufacture.

Cleaning

In case of spillage, wash it with clean water.

Packaging

Available in bulk, 1000 Lt. Tote or in 210Lt. drums

Cautions

Health and safety

Ecoproof 580 NS is not a fire or health hazard. If however, it is spilled, the floor will become slippery and should be washed down with water immediately but should not be left to enter sewers/surface or ground water, in case of uncontrollable situation, wash it with plenty of water to dilute. In case of eye contact or ingestion, seek medical attention without delay. Do not dispose of into water or soil but according to local regulations.

Disclaimer:

We hope that the information herein will be helpful. The data is based upon knowledge considered to be accurate and true and is offered for the user consideration, investigation and verification in the application intended. We do not warrant the results or performance attained due to the nature of the influence of other constituent components in the application.



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Fire

Ecoproof 580 NS is non-flammable.



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