



Specialist Construction Supplies for Repair, Maintenance, Building & Infrastructure

## Nucyrl Data Sheet

### Specification notes

Product: Nucyrl

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# Nucryl

## Protective Surface Treatment



# Nufins

### Description

Formulated on a clear water white acrylic resin this solvent borne treatment has excellent weather resistance properties, providing a long lasting barrier effect against Carbon Dioxide and other aggressive agents (i.e. Sulphur Dioxide) and appreciably reducing the carbonation of old and new concrete surfaces. Nucryl provides an attractive and protective finish to a wide variety of surfaces including all cementitious surfaces, brick, cast stone, aggregate, slates and decorative plasters.

### Advantages

- Treated surfaces remain relatively self cleaning.
- Highly resistant to ultra violet light and remains non-yellowing.
- Protects surface from industrial pollution, rain and frost.
- One pack system which is easily applied. Surface film "breathes" allowing the passage of water vapour.
- Protects against acid attack resulting from micro-organisms such as fungi and moss.

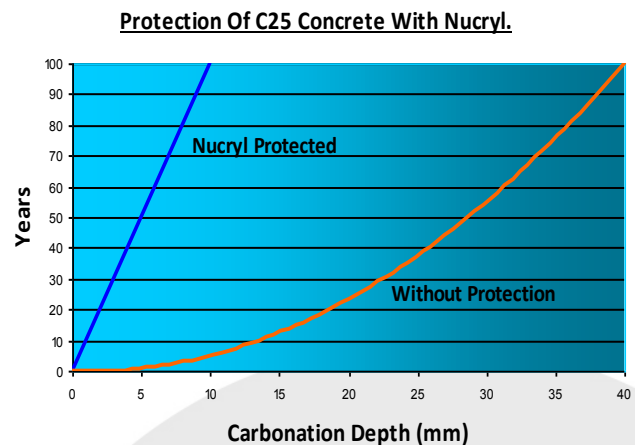
### Applications

- Protection of external concrete structures.
- Decorative treatment for exposed aggregate panels.
- Sealer for precast units including paving slabs.
- Protection of internal concrete surfaces against dirt pick-up.
- Alkali Resistant.
- Adheres to difficult surfaces.

### Technical Information

Coverage:	5 - 10 m <sup>2</sup> per litre Depending on surface profile and porosity.
Drying Time:	90 minutes @ 20°C
Flash Point:	43°C
Specific Gravity:	0.925
Moisture Vapour Transmission Rate:	6.7 mg Water/24 Hrs/m <sup>2</sup>
CO <sub>2</sub> Diffusion	
Equivalent Air Layer Thickness	394 Metres
Equivalent Concrete Thickness	1.0 Metres

The graph shows the benefits of Nucryl as a protective coating against carbonation over the life time of a structure.



### Surface Preparation

1. All surfaces should be clean and visibly dry. Areas covered with moss, lichen or industrial pollution should be water blasted and allowed to dry.
2. Areas with oil and grease contamination should be treated with Desolve.
3. All new concrete or cementitious surfaces should be allowed to cure for 28 days prior to coating.

### Application Instructions

1. Nucryl is supplied ready for use.
2. Nucryl can be applied by brush, roller or spray.
3. Apply a second coating anytime after the first coat is dry.
4. The normal application of Nucryl is a two coat application.
5. Protect coating against rain or frost for at least 3 hours after each application.
6. All equipment should be well cleaned with Nuwash.

### Packaging

Nucryl is supplied in 5 litre containers.

### Health & Safety

Ensure adequate ventilation and do not use near naked flames or smoke during use as the product is inflammable. Avoid contact with the skin and eyes.

### Storage

Nucryl should be stored at normal temperature and out of the reach of children.

### Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors.

Technical representatives are available to provide further information and arrange demonstrations.



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