



PRODUCT RANGE

Nulease Standard, Nulease Matt, Nulease W.B,
Chemlease, Formstrike MRO, Formstrike WB, Formfil,
Chemcure, Chemcure S, Curecote Super,
Chemcure R90, Chemcure R90 Aluminised,
Aquatard FWR, Aquatard TF, Nupatch Cosmetic.

PRODUCT GUIDE

CONCRETING CHEMICALS



We are
Construction



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NUFINS

**CONCRETING
CHEMICALS
SINCE 1966**

About Nufins



Experts you've trusted for over 50 years

Since being founded in 1966, Nufins has evolved into a manufacturer of specialist construction products with a key focus on civil engineering, construction, structural repair and coatings products which are used worldwide.

Our long established concreting chemicals range conforms to industry standards for application and performance. All products manufactured for use in the repair and protection of concrete structures are tested in accordance with BS EN 1504 and carry the CE marking. Our wide range of protective coatings and industrial flooring systems enable us to specify durable solutions for commercial and industrial projects.

of Nufins concreting chemicals range has remained as good as ever, providing solutions for your projects.



Whilst the construction industry's demands and practices have developed and changed in recent decades, the reliability and technical performance

Product Selector

Formwork Varnish

Resin-based	High quality finish	Nulease STD	Page 3
Resin-based	Superior quality finish	Nulease Matt	Page 3
Water-based	Low environmental impact	Nulease WB	Page 3

Release Agents

Chemical-based	High quality finish	Chemlease	Page 5
Oil-based	Insitu & precast	Formstrike MRO	Page 5
Water-based	Low environmental impact	Formstrike WB	Page 5

Curing Compounds

Water-based	Standard curing efficiency	Chemcure	Page 7
Water-based	Standard curing efficiency.	Chemcure S	Page 7
Resin-based	Curing agent & concrete sealer	Curecote Super	Page 7
Resin-based	High curing efficiency >90%	Chemcure R90	Page 8
Resin-based	High curing efficiency >90% with reflective flake	Chemcure R90 Aluminised	Page 8

Retarders

For Formwork	Expose aggregate	Aquatard FWR & FWR Gel	Page 9
For Concrete	Expose aggregate on horizontal surface	Aquatard TF	Page 9

Formwork Varnish



Products for sealing and protecting formwork enabling multiple use and high quality finishes to be achieved

PROJECT PROGRESS	DESCRIPTION	PACK SIZE	COVERAGE
Nulease Standard	Formwork varnish, enabling clean striking and achieving high quality finishes. Seals and protects formwork where the criteria is for multiple use.	5L 25L	7-9m ² per Litre
Nulease Matt	Has greater grain filling properties, for superior quality concrete finishes and reduces crazing or hydration staining.	5L	7-9m ² per Litre
Nulease WB	Water based formwork coating with low environmental impact.	5L	6-8m ² per Litre

Release Agents



Formwork release agents that achieve high performance whether you require chemical based, oil based or water based products

PROJECT PROGRESS	DESCRIPTION	PACK SIZE	COVERAGE
Chemlease	Concrete chemical release agent, which provides optimum release and produces a high quality finish from all types of formwork. BCA Category 5.	20L 210L 1000L	30-40m ² per Litre
Formstrike MRO	Concrete mould release agent based on a neat oil with surfactant. Suitable for use with a wide range of formwork materials. BCA Category 2.	20L 210L 1000L	30-40m ² per Litre
Formstrike WB	A blend of biodegradable oils emulsified in water. Designed for precast yard site based or applications, where the need for a material which provides no impact in sensitive situations such as waterways or coastal works.	20L 210L 1000L	20-40m ² per Litre

Formwork Defect Repair Compound



For rapid repair of any defects within formwork

PROJECT PROGRESS	DESCRIPTION	PACK SIZE	COVERAGE
Formfil	Formwork repair paste designed to produce a fast setting compound which is resistant to impact, abrasion, oil, water and concrete alkalis.	1.5 kg 7 kg	0.8L 3.9L

Curing Compounds



Curing agents to suit all requirements ensuring maximum protection for concrete when it needs it the most

PROJECT PROGRESS	DESCRIPTION	PACK SIZE	COVERAGE
Chemcure	Concrete curing liquid. An aqueous solution of metallic silicates which when applied to fresh concrete, forms a micro crystalline seal in the pores reducing evaporation. Also available with a fugitive dye. VOC free.	20L, & 210L	5.5-6m ² per Litre
Chemcure S	Concrete curing liquid. An aqueous solution of metallic silicates which when applied to fresh concrete, forms a micro crystalline seal in the pores reducing evaporation. Also available with a fugitive dye. VOC free.	20L, & 210L	5.5-6m ² per Litre
Curecote Super	Highly efficient non degradable solvent based acrylic curing membrane and clear surface sealer, which after appraisal, may be subsequently overcoated. Curing efficiency >80%. Complies with EN1504-2.	20L, & 210L	5-6m ² per Litre

Curing Compounds



Easily spray applied solutions, a time saving alternative to hessian and plastic sheeting and a superior method of curing

PROJECT PROGRESS	DESCRIPTION	PACK SIZE	COVERAGE
Chemcure R90	When applied to freshly placed polymer mortars or concrete, shrinkage associated with hairline cracking and crazing is greatly reduced in both vertical and horizontal applications. Forms a curing membrane efficiency index >90% when tested to BS7542, thus complying with ASTM C309.66.	20L, 210L & 1000L	4.5-6m ² per Litre
Chemcure R90 Aluminised	High efficiency curing membrane with the addition of aluminium flake, where the requirement for maximum solar reflection is of high importance, reducing concrete temperatures to a minimum. Complies with ASTM C309.66, Department for Transport Specification for Highway Works Clause 1027 & MoD DIO Specification 033 Clause 3.10.1 for Airfields.	20L, 210L & 1000L	4.5-6m ² per Litre

Retarders



For application onto formwork prior to pouring or sprayed onto concrete that requires an exposed aggregate finish

PROJECT PROGRESS	DESCRIPTION	PACK SIZE	COVERAGE
Aquatard FWR Gel	Non-flammable, brush-applied formwork paste, designed to produce an exposed aggregate finish, thus providing an excellent key for subsequent concrete pours or surface treatments. Suitable for wide-ranging construction projects, including water treatment schemes, canals and waterways. Does not impact on aquatic or land based forms of life. VOC free.	25L	5-6m ² per Litre
Aquatard FWR	Superior performing non-flammable, brush-applied formwork paste, designed to produce an exposed aggregate finish, thus providing an excellent key for subsequent concrete pours or surface treatments. Suitable for wide-ranging construction projects, including water treatment schemes, canals and waterways. Does not impact on aquatic or land based forms of life. VOC free.	25L	1.8-3.6m ² per Litre
Aquatard TF	Water based spray-applied retarder, designed to expose aggregate on horizontal surfaces. Does not impact on aquatic or land based forms of life. Suitable for use in water treatment works since at no time will the retarder come into contact with water. Aquatard TF & FWR are fully biodegradable. VOC free.	20L & 210L	5m ² per Litre

Concrete Defect Repair & Tie Hole Filling



Tie Hole plugging and defect touch ups post striking formwork. Available in white and grey to allow colour matching on site

PROJECT PROGRESS	DESCRIPTION	PACK SIZE	COVERAGE
Nupatch Cosmetic Available in: White/Grey/FSB	Easy to use polymer modified, finely filled, rapid set cementitious mortar with high adhesion and compressive strengths for permanent repairs. Ideal for minor and cosmetic repairs to in-situ concrete, precast units and kerbs. VOC free. Complies with EN1504-3.	7.5Kg 25Kg	3.75L 12.5L

Project Snapshots

Chek Lap Kok Airport, Hong Kong

The world's biggest civil engineering project in history at the time!

Nufins supplied 300,000 litres of **CHEMCURE R90 ALUMINISED** spray-applied concrete curing membrane. With a curing efficiency >90% and containing solar reflective flake, the material complies with ASTM C309.66, Specification for Highway Works Clause 1027 and MoD DIO Specification 033 Clause 3.10.1 for Airfields.



Hinkley Point C, Nuclear Power Station, near Bridgwater

Nufins' formwork retarder has been approved for use in concreting works on this significant project, a major investment by EDF, for the country's future energy needs. **AQUATARD FWR** is VOC FREE and non-hazardous to flora or fauna. We've manufactured and supplied **AQUATARD FWR** and **TF** to numerous construction and civil engineering projects since the early 1980s (including coastal and waterways), as an effective treatment to achieve exposed aggregate finishes.



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About USL Speciality Products



DDA Surface Mounted Tactile Paving - Visul Systems.

USL Speciality Products manufacturer and supply specialist construction products to support, preserve and enhance critical Infrastructure assets, specifically in the Bridge, Rail, Utilities, Offshore, Power and General Construction market spaces. Our products are supplied to fully trained specialist contractors who deliver complex infrastructure projects to strict quality, budget and time constraints.

We are...



Our Product Categories

- | | |
|--|--|
|  Structural Waterproofing |  Mechanical Expansion Joints |
|  Structural Bearings |  Bridge Deck Drainage |
|  Line Markings |  Concrete Repairs |
|  GRP Grating, Access Platforms and fencing |  Surface Mounted Tactile Paving |
|  Resin Injection |  Ironwork Reinstatement Products |
|  Pipe Rehabilitation | |

Our Brands

Trusted to deliver excellence:



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CONCRETING CHEMICALS

PRODUCT GUIDE



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