



# HYDRON

## Protection Solutions



**...applied excellence**



# How It Works.



The majority of building substrates are naturally porous, allowing water to penetrate, which can carry pollution/stains, propagate organic growth and create the damaging effects of frost and humidity.

The unique properties of Nu-Cryl will alter the chemical structure of a porous building substrate, which in turn will provide oil and water repellent properties. The appearance of the substrate will not change and will remain moisture vapour permeable.

Nu-Cryl treatment is achieved by impregnating to full saturation. The Nu-Cryl solution will penetrate deep into the material's pores rendering it water repellent.



The Nu-Cryl range of environmentally friendly products will protect against water, oil, stains, pollution, graffiti, organic growth and chewing gum.

# Product Selector



Page Number	3	4	5	6	7	8	8	9	9	10	10	11	11	11
<b>Substrates</b>														
Concrete	✓		✓		✓	✓	✓	✓	✓		✓	✓	✓	✓
Brickwork	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sandstone	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Limestone	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cement	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Terracotta		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Marble		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Granite		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Slate		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Properties</b>														
Oil & Water Repellent	✓	✓	✓		✓									
Graffiti Resistant			✓	✓										
Floor Protection		✓		✓	✓									
Wall / Roof Protection	✓	✓	✓	✓	✓									
Weather Resistant	✓	✓	✓	✓	✓									
Stain Resistant	✓	✓	✓	✓	✓									
Water Based	✓	✓	✓	✓	✓									
Chewing Gum Repellent		✓		✓										
Floors						✓	✓		✓	✓	✓			
Oil						✓								
Cement								✓	✓					
Greasy Stains							✓							
General Stains							✓							
Organic Growth							✓			✓				
Chewing Gum Remover											✓			
Graffiti Remover												✓	✓	✓



## NU-CRYL® W.R.S.



A unique acrylic oil and water repellent treatment for concrete, stone and masonry walls and façades.

### Oil and Water Repellent To BS 6477:1992

Prevents Frost Damage  
Prevents Organic Growth  
Does Not Affect Original Colour  
Stain And Dirt Resistant  
Solvent Free

NU-CRYL® WRS is suitable for porous walls and facades preventing frost damage and organic growth.

NU-CRYL® WRS also protects against soiling and the effects of acid rain

Surfaces treated with NU-CRYL® WRS will remain cleaner longer, therefore reducing maintenance costs.



**Untreated Limestone**



**Treated Limestone**

### Key Product Information

**COLOUR RANGE:** Clear, invisible.

**PACK SIZE:** 5 L & 25 L Drums.

**DRYING TIME:** Touch dry:.....4 hours.  
Waterproof:..24-48 hours.

**APPLICATION:** Impregnation to be applied by flood-coating method using low-pressure spray equipment of the knapsack type, or by brush/roller. Application should be to full saturation commencing at the bottom and working upwards. Only one application required on masonry, brickwork etc. Do not apply at temperatures below 5°C.

**ENVIRONMENT:** REACH Compliant Water-Based Protective Solution.



# NU-CRYL® WRS EXTRA

A unique acrylic oil and water repellent treatment for floors.

## Oil and Water Repellent To BS 6477:1992

- Prevents Frost Damage
- Prevents Organic Growth
- Does Not Affect Original Colour
- Stain And Dirt Resistant
- Solvent Free

NU-CRYL® WRS EXTRA is suitable for application to dense flooring substrates such as pedestrian areas, car parks and paving which is subjected to heavy wear and staining. NU-CRYL® WRS EXTRA will resist oil penetration and creates a non-stick surface that allows easy removal of chewing gum

Paving treated with NU-CRYL® WRS EXTRA will remain cleaner longer with the regular cleaning process drastically reduced.



## Key Product Information

- COLOUR RANGE:** Clear, invisible.
- PACK SIZE:** 5 L & 25 L Drums.
- DRYING TIME:** Touch dry:.....2 hours.  
Waterproof:...24 hours.
- APPLICATION:** Impregnation to be applied by flood-coating method using low-pressure spray equipment of the knapsack type, or by brush/roller. Application should be to full saturation commencing at the bottom and working upwards. Only one application required on masonry, brickwork etc. Do not apply at temperatures below 5°C.
- ENVIRONMENT:** REACH Compliant Water-Based Protective Solution.



Untreated Block



Treated Block



## NU-CRYL® WRS Colour Enhancer

A unique water based acrylic copolymer oil and water repellent treatment that also enhances the natural colour of the substrate.

### Oil and Water Repellent To BS 6477:1992

- Prevents Frost Damage
- Prevents Organic Growth
- Enhances The Natural Colour  
Of The Substrate
- Stain And Dirt Resistant
- Solvent Free

NU-CRYL® WRS Colour Enhancer is suitable for application to walls and floors such as blockwork, concrete, natural stone, reconstructed stone & blockwork, granite, marble and terrazzo. Due to its excellent water repellent qualities, NU-CRYL® WRS Colour Enhancer will reduce the penetration of oil and water into the substrate as well as protecting from frost damage and organic growth. Stain and dirt resistant, NU-CRYL® WRS Colour Enhancer also enhances the natural colour of the substrate.

Areas treated with NU-CRYL® WRS Colour Enhancer will remain cleaner longer with the regular cleaning process drastically reduced..



### Key Product Information

- COLOUR RANGE:** Clear, invisible.
- PACK SIZE:** 5 L & 25 L Drums.
- DRYING TIME:** Touch dry:.....4 hours.  
Waterproof:..24-48 hours.
- APPLICATION:** Impregnation to be applied by flood-coating method using low-pressure spray equipment of the knapsack type, or by brush/roller. The surface to be treated should be impregnated with 2 coats (wet on wet).  
Do not apply at temperatures below 5°C.
- ENVIRONMENT:** REACH Compliant Water-Based Protective Solution.



## NU-CRYL® AG

Economical clear anti graffiti protection for porous substrates such as Brick, Natural Stone, Reconstructed Stone, Block Work and Concrete.

### Anti-Graffiti Protection

Moisture Vapour Permeable  
Gives Up To 15 Years  
Protection  
No Colour Change  
Solvent Free

Nu-Cryl® AG is an acrylic-based impregnation coating for exterior surfaces. Applied by brush or airless spray it provides protection against solvents, chemicals, grease, oil, dirt and weather damage while still allowing the substrate to 'breathe'. Nu-Cryl® AG will not noticeably change the surface appearance and graffiti can be effectively removed using a low pressure hot wash. No reapplication of Nu-Cryl® AG is necessary.

### Key Product Information

- COLOUR RANGE:** Clear, invisible.
- PACK SIZE:** 5 L & 25 L Drums.
- DRYING TIME:** Touch dry:.....4 hours.  
Waterproof:...24-48 hours.
- APPLICATION:** Impregnation to be applied by flood-coating method using low-pressure spray equipment of the knapsack type, or by brush/roller. Application should be to full saturation commencing at the bottom and working upwards. Only one application required on masonry, brickwork etc. Do not apply at temperatures below 5°C.
- ENVIRONMENT:** REACH Compliant Water-Based Protective Solution.





## NU-CRYL® AG EXTRA



Economical clear anti graffiti protection for dense substrates such as Granite, Marble, Terrazzo and Polished Concrete.

### Anti-Graffiti Protection

Moisture Vapour Permeable

Gives up to 15 years Protection

No Colour Change

Solvent Free

Nu-Cryl® AG Extra is an acrylic-based impregnation coating for exterior surfaces. Applied by brush or air-less spray it provides protection against solvents, chemicals, grease, oil, dirt and weather damage while still allowing the substrate to 'breathe'. Nu-Cryl® AG Extra will not noticeably change the surface appearance and graffiti can be effectively removed using a low pressure hot wash. No reapplication of Nu-Cryl® AG Extra is necessary.



### Key Product Information

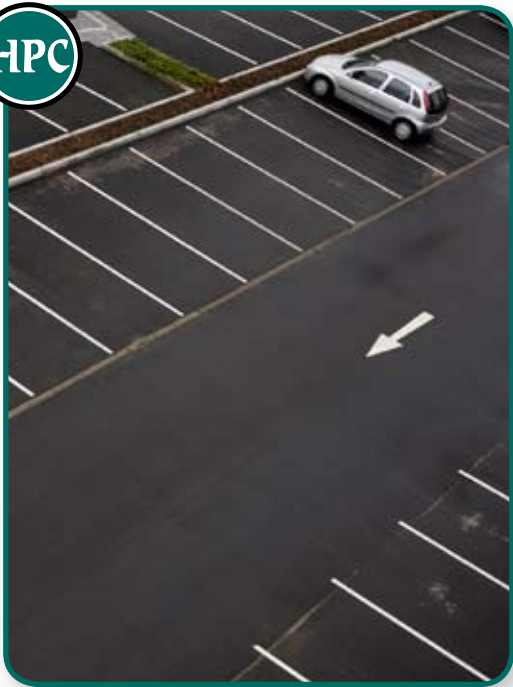
**COLOUR RANGE:** Clear, invisible.

**PACK SIZE:** 5 L & 25 L Drums.

**DRYING TIME:** Touch dry:.....2 hours.  
Waterproof:..24 hours.

**APPLICATION:** Application by low pressure spray or by brush/roller taking care to avoid any sagging. Application on vertical surfaces should be to full saturation commencing at the bottom and working upwards. Only one application is required Do not apply at temperatures below 5°C:

**ENVIRONMENT:** REACH Compliant Water-Based Protective Solution.



### OD1 Oil Dispersant

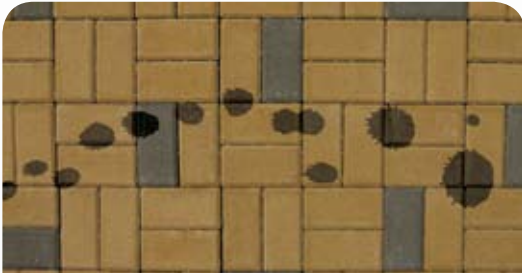
**A safe, ecological, water soluble oil dispersant and emulsifier.**

Solvent Free  
Non-Caustic  
Non-Flammable  
Safe On Tarmac And Asphalt

OD1 Oil Dispersant is safer and ecologically more acceptable than many other degreasers available and is suitable for use on most surfaces such as concrete, brick, tarmac, metals, plastics and painted surfaces.

**Application:**

Can be used as supplied for heavy contamination or diluted with up to 5 parts water for light use. Use a low pressure spray directly on the spillage and allow to dwell for 10-20 minutes. Hose or pressure wash off, leaving surface clean.



**Before**



**After**

### MC1 Multi Clean

**Removes staining and grime from brick, concrete and other hard surfaces.**

May Be Diluted With Water For Light Stains  
Degreases Paving

MC1 is a water soluble degreaser formulated to remove grease staining and general grime from paved surfaces and other hard surfaces. Can also be used for cleaning prefabricated buildings and paintwork.

**Application:**

Can be used as supplied for heavy contamination or diluted with 4 parts water when used through hot water pressure washers. Allow to dwell for up to 5 minutes and pressure wash with clean water. For washing down paintwork dilute with 40 parts water depending on the staining to be removed, for extra effectiveness use hot water.



**Before**



**After**

## BC2 - THICK BRICK CLEANER

**A strong acidic liquid specifically formulated to remove heavy grime deposits from sandstone and brick.**

Will Remove Heavy Grime Deposits From Sandstone And Brick  
Will Cling To Vertical Surfaces Allowing Longer Dwell Time



BC2 is a thixotropic brick and stone cleaner developed for the removal of heavy staining on aged substrates.

### Application:

Apply BC2 undiluted with a bristle brush to the affected area. And allow to dwell for 15-20 minutes. Pressure wash off leaving surfaces clean. It may be necessary to degrease the area prior to cleaning with MC1-Multi Clean.



**Before**



**After**

## CM1 - CEMENT AND MORTAR CLEANER

**An acidic liquid formulated specifically for removing cement and mortar stains from walls and floors.**

Ideal For New Build Projects  
May Be Diluted With Water



CM1 is an acidic cleaner developed for the removal of Cement an Mortar spillages and staining, particularly on new build projects. Suitable for use on hard landscaping and paving.

### Application:

Pre-wet surfaces to be treated prior to application and apply CM1 undiluted with a bristle brush to the affected area. Allow to dwell for 15 minutes. Pressure wash off leaving surface clean.





### SS1 - STERILISING SOLUTION

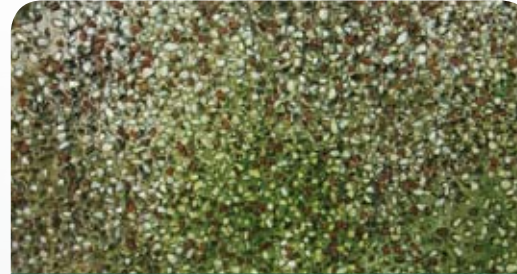
**A specially prepared, ready to use wash for use before applying protective treatments.**

Kills Spores Of Mould And Algae  
Reduces Re-Growth  
Environmentally Friendly

SS1 is a ready to use, water based biocide that will destroy mould, fungi and organic growth. SS1 is an environmentally friendly waterborne formulation. The use of SS1 will reduce regrowth and is suitable for application to roofs,walls and paving.

#### Application:

Remove heavy deposits of mould or algae by power washing. Spray-apply SS1 to all areas to kill any remaining spores. Leave for 24 hours prior to applying any protective treatment.



**Growth On Pebble-Dash**



**Growth On Brick**

### CG1 – CHEWING GUM REMOVER

**A specially formulated non-aqueous blend of citrus oils which combine to provide a very high performance chemical for the removal of chewing gum and other stubborn stains.**

Non-Toxic  
Low Odour  
Environmentally Friendly

CG1 is completely non-toxic, with a pleasant odour making it extremely safe for use internally as well as externally.

#### Application:

Spray directly onto the chewing gum and allow to dwell for up to 5 minutes. Power wash with hot water to remove the gum spots followed by complete rinsing of the surface to create a uniform appearance.



## AG4 - GEL GRAFFITI REMOVER

**A specially formulated blend of solvents and biodegradable detergents developed to remove graffiti from porous or extensively vandalised surfaces where a longer 'dwell time' is required.**

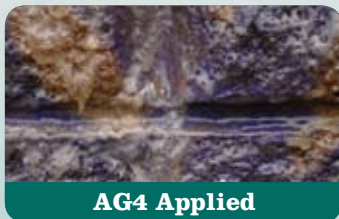
Will Cling To Vertical Surfaces Allowing A Longer Dwell Time  
Effective On Porous Surfaces

Will effectively remove aerosol graffiti, permanent marker pen, crayon and lipstick from more porous surfaces such as brickwork and concrete. The extended dwell-time allows effective penetration of porous surfaces and restricts evaporation of solvents which cause unpleasant odours.



### Application:

Apply AG4 Gel liberally to the graffiti using a bristle brush. Allow to dwell for 2-3 minutes. Remove by power washing with hot water.



AG4 Applied



After

## SL1 - SHADOW LIFTER

**A specially formulated alkaline cleaner for the removal of stubborn graffiti shadows from brickwork, stone and concrete.**

No Colour Change  
Effective On Porous Surfaces  
Removes Old Marker Pen Shadows  
Removes Old Aerosol Shadows

Will effectively remove unsightly shadows remaining after graffiti removal. Will also remove soiling and staining from brickwork.



### Application:

Apply SL1 undiluted with a bristle brush to the affected area and allow to dwell for up to 2 minutes. Remove by pressure washing to leave surfaces clean.



SL1 Being Applied



After

## SL2 - SHADOW LIFTING POULTICE



**A specially formulated poultice cleaner for the removal of stubborn graffiti shadows from brickwork, stone and concrete.**

Effective On Porous Surfaces  
Removes Old Marker Pen Shadows

Will effectively remove permanent marker, crayon & lipstick from porous surfaces such as brickwork & concrete. The extended dwell-time allows effective penetration of the surface and restricts evaporation of solvents, which causes unpleasant odours.



### Application:

Apply the mixed SL2 Poultice to the affected area at a thickness of 5-10 mm. Cover with plastic and tape the edges. Allow the poultice to dry for about 24 hours. Remove the plastic and poultice from the stain and thoroughly rinse with hot water under low pressure.



Before



After