



The Chemical Company

MASTERSEAL[®] 361

Water Repellent Surface Treatment

Description

MASTERSEAL[®] 361 is a highly penetrative low viscosity emulsion for application to concrete, masonry and stone surfaces. On curing it provides a repellent surface with minimum effect on the original appearance and texture.

Fields of Application

Horizontal surfaces including:

- Pedestrian paved areas
- Drives and forecourts
- Patios and paths

Vertical surfaces including:

- Masonry and brickwork
- Concrete walls
- Decorative stone and concrete

Features and Benefits

- Provides frost resistance
- Inhibits algae and moss growth
- Preserves original appearance
- Reduces and aids cleaning
- Low odour, low toxicity formula
- Reduces efflorescence
- Vapour permeability unaffected

Technical Data

Appearance	White emulsion
Specific Gravity	1.00 @ 20 ^o C

Application Procedure

Preparation

This product should ideally be applied to new surfaces. It is suitable for older surfaces that have been cleaned abrasively to provide a clean fresh surface. Remove any oil or grease marks etc.

Vacuum remove all dust and loose matter etc. If the surface has been washed, allow to surface dry before application.

Application

Stir before use. Apply directly onto the surface in two coats. The second coat should be applied as soon as the first coat has surface dried. All coats must be applied in the one day. Protect the applied surface for 2 - 4 hours from direct rain.

Avoid contact of the wet product with animals, plants or water features. The product is of low toxicity but can adversely affect the respiration of live plants and aquatic life including fish.

Application may be by brush, roller, spray, flooding or dipping. Do not use below 5^oC.

Coverage

The coverage of this product will be highly dependent on surface texture, porosity and application method. More than 2 coats may be required on highly textured and porous surfaces. (See watchpoints)

Typically a spray application to a block paved surface will give a coverage rate of 3.5 m² per litre per coat. (normally 2 coats)

Cleaning

Clean all equipment with water immediately after use.

Packaging

MASTERSEAL[®] 361 is available in 25 litre containers

Storage

Stir before use. Store indoors above 5^oC. Protect from frost.

Shelf life

Upto 12 months if stored in accordance with manufacturer's instructions in unopened containers.



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Watchpoints

- Avoid contact of the liquid product with live plants or aquatic life. The cured product is non toxic.
- Avoid contact with glass or glazed surfaces which may be dulled.
- Only use on new or fresh surfaces - this product will highlight and make permanent grease marks, stains, algal growth or efflorescence.
- MASTERSEAL® 361 will not directly reduce the slip resistance of the substrate, but as it significantly reduces the porosity of the treated surface, adequate drainage is necessary to avoid ponding water.
- MASTERSEAL® 361 treated surfaces can not be overcoated with any subsequent treatment without abrasive cleaning.
- We recommended that a trial area is treated to determine coverage rates and effect on appearance.

Maintenance of Treated Surfaces

MASTERSEAL® 361 will significantly reduce the deterioration of treated surfaces, but for optimum performance, particularly in heavily trafficked areas, regular cleaning should be maintained. Power washing and/or use of scrubber/dryers is recommended.

Overcoating is not recommended unless carried out after an abrasive clean.

The performance life of MASTERSEAL® 361 is in excess of 10 years subject to the wear imposed on the surface to which it is applied.

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Health and Safety

*For full information on Health and Safety matters regarding this product the relevant Health and Safety Data Sheet should be consulted.

The following general comments apply to all products.

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs, (which may also be tainted with vapour until the product is fully cured and dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Keep away from children and animals. Reseal containers after use.

Solvent Based Products

Use in well ventilated areas; avoid inhaling. Suitable respiratory equipment may be needed, eg when spraying. Can cause skin, eye irritation. Wear protective eye shields and gloves during use. Do not smoke or allow sparks or naked lights when stored or in use.

Powder Products

Should be handled to minimise dust formation; use light mask if excessive dust unavoidable. Cement powders when wet or moistened can cause burns to skin and eyes which should be protected during use.

Resin Products

Can cause irritation, dermatitis or allergic reaction. Use protective equipment particularly for skin and eyes. Use only in well ventilated areas.

Spillage

Chemical products can cause damage; clean spillage immediately.

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