



URBAN SURFACE PROTECTION
THE TOTAL SURFACE PROTECTOR

USP-404

COLOUR ENHANCER

Product Description:

USP-404 is an aqueous fluoropolymer dispersion which enhances the colour of natural stone and porous building substrates.

USP-404 prevents ingress of most types of surface contamination, including water, oil and graffiti to porous building substrates.

Uses:

A surface treatment for porous substrates, to prevent water and liquid ingress. **USP-404** also prevents airborne dirt and stains from adhering to the surface. It has a good resistance to graffiti. **USP-404** reduces surface degradation as atmospheric contaminants no longer stick to the surface. **USP-404** resists moss and lichen formation and will not alter the aesthetics of the treated surface (invisible protection). A treated surface will remain moisture vapour permeable. UV resistant. Non-flammable. Non-toxic. Environmentally friendly.

Packaging:

1, 5, 25 and 1000 ltr Units

Technical Data:

Colour: Milky

Chemical Composition: Aqueous fluoropolymer dispersion.

Density: 1.0kg/ltr @ 25°C.

Flashpoint: > 55°C.

Chemical Resistance: Dilute acids and alkalis, water and de-icing salts.

Coverage: Dependant on porosity

Directions for Use / Application:

"Always test apply on a small hidden portion of the substrate before applying."

APPLICATION DETAILS:

Substrate Quality: Cracks must be repaired using a concrete/mortar repair system. Moisture content should be = or <5% to a depth of 1cm.

Substrate Preparation: Clean, free from dust, dirt, oil efflorescence, organic growth and old paint films.

Pressure washing up to 2500 psi and the use of a Sterilising Solution.





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APPLICATION INSTRUCTIONS:

USP-404 may be applied using low pressure spray, brush or roller. Ensure application is from

bottom to top on vertical surfaces taking care not to let the product run. Any subsequent coats must be applied “wet on wet”.

Over-Coating: Subsequent applications **MUST** be applied “wet on wet” within 10 minutes of previous application.

USP-404 cannot be over applied as there will be loss of adhesion.

Application/Limitations: Efflorescence must be treated with **USP-800** before application of **USP-404**

USP-404 will not perform correctly if applied over non-absorbent surfaces.

APPLICATION CONDITIONS/ LIMITATIONS:

Substrate Temperature: +5°C to 30°C.

Ambient Temperature: +5°C to 30°C.

Substrate Moisture: 5% maximum.

COVERAGE:

Architectural Concrete: 5 SqM/Ltr

Block Paving: 5-8 SqM/Ltr

Natural Stone: 2-5 SqM/Ltr

Granite: 8 – 16 SqM/Ltr

Coverage rates vary with stone porosity

All surfaces must be treated to saturation in 1-3 applications “wet on wet” applied, to ensure 100% product efficacy. This varies with substrate and treating a small trial area is recommended to calculate true consumption.

Storage/Cleaning:

Keep in a dry place (between 5°C and 30°C).

Storage: 24 months following the production date when kept in the original unopened container.

Clean **USP-404** immediately after you have finished clean all tools and equipment with water.

Recommendations/Curing:

Wear protective gloves and glasses, and appropriate clothing whilst using the product.

Curing Treatment: Do not to apply if rain is expected within 4 hours. Water repellency is evident after initial curing but may take up to 7 days to reach 100% efficacy.

Notes: The technical data provided is based on laboratory tests and some variations may occur on large areas and unknown substrates.

Do not allow the applied product to dry between applications.

Do not apply during rain or frost and when surface and air temperature is < 5°C and > 30°C.



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Health and Safety:

Respiratory Protection: Under normal conditions of use where adequate ventilation is available, no special respiratory protection equipment is needed.

Hand Protection: Wear domestic gloves.

Skin Protection: Wear protective clothing over exposed areas of skin.

Eye Protection: Wear safety goggles.

If swallowed: Do not induce vomiting. Contact a doctor or a specialist.

KEEP OUT OF THE REACH OF CHILDREN

Please refer to Material Safety Data Sheet.

Legal Notes: See USP Limited Standard Terms & Conditions.

USP is REACH compliant to EU 2015/830

Our technical department is always at your service for further information and advice.

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding regarding possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods that are beyond our control.

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