



RTS No. 1 Water Repellent for Masonry

PRODUCT DESCRIPTION

RTS No. ① is a breathable, aqueous fluoropolymer dispersion coating. Preventing ingress of most types of surface contamination, including water, oil and graffiti to vertical porous surfaces and facades.

ADVANTAGES

- **Surface treatment for exterior and interior porous substrates, to prevent water and liquid ingress whilst remaining vapour permeable**
- **Reduces surface degradation as atmospheric contaminants no longer stick to the surface**
 - **Resists moss and lichen formation**
 - **Prevents surface deterioration due to repeated freeze & thaw**
- **Will not alter the aesthetics of the treated surface (invisible protection) or change its colour**
 - **UV resistant. Non-flammable. Non-toxic. Environmentally friendly.**

TECHNICAL DATA

Chemical Composition:

Aqueous fluoropolymer dispersion

Density: 1.0 Kg/l @ 25°C

Flash Point [°C]: →55°C

Chemical Resistance:

Mild acids and alkalis, water and de-icing salts

Coverage: Dependent on porosity

VOC Content: 0.0g/l

APPLICATION

Always test apply on a small hidden portion of the substrate before commencing works.

Cracks must be repaired using a concrete/mortar repair system.

Moisture content should be = or <5% to a depth of 1cm.

Substrate should be clean, free from dust, dirt, oil, efflorescence, organic growth and old paint films.

RTS No. ① 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 applications must be applied "wet on wet". Subsequent applications **MUST** be applied "wet on wet" within 10 minutes of previous application. Once a fully treated surface is dry, further applications cannot be re-applied, as there will be loss of adhesion.

Efflorescence must be treated with suitable products before application

RTS No. ① is unable to work 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.

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.





COVERAGE

Architectural Concrete: 5 SqM/Ltr
Brick & Brick cladding - 5-8 SqM/Ltr
Porous-Natural Stone (Limestone, Sandstone) 2-5 SqM/Ltr
Low Porosity Stone (Granite, Marble, Slate, Terracotta) - 8 – 16 SqM/Ltr

Coverage rates vary with stone porosity.

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.
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 product if rain is expected within 4 hours. Water repellence 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 substrates of an uncertain nature.
Do not allow the applied product to dry in between application.
Do not apply during rain or frost and when surface and air temperature is \leftarrow 5°C and \rightarrow 30°C.

HEALTH & 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. Transportation Class, N/A.
Legal Notes: See RTS Standard Terms & Conditions.
RTS is REACH compliant to EU 453 2010 from the 01/12/2010

PACKAGING

5, 25 and 1000 ltr Units

TECHNICAL SUPPORT

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Important: The content of this documentation is based on our experience of the product. RTS guarantees the quality of its products, but expressly declines any liability in the event of failure by the user to comply with the recommendations and conditions of use of said products, notably but not exclusively in the event of incorrect application, application by unqualified personnel, use of products not compatible with RTS's products or bad weather conditions. For further information, refer to the safety data sheet.

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