

PROTECTiT 100 PR

Surface Oil, Water, Dirt & Graffiti Repellent

PRODUCT DESCRIPTION

- ProtectiT 100 PR is a non-film forming impregnating aqueous fluoropolymer dispersion.
- ProtectiT 100 PR sealer prevents against ingress of most types of urban contamination, including oils and graffiti to wall, paving and roof, porous building substrates.

USES

- A superior surface treatment for the exterior and interior, to prevent water and liquid ingress.
- Prevents airborne dirt and stains from adhering to the surface. It has a good resistance to graffiti.
- Reduces surface degradation as atmospheric contaminants no longer stick to the surface. Resists moss and algae formation.
- ProtectiT 100 PR will not alter the aesthetics of the treated surface (invisible protection) or change its colour. A treated surface will remain moisture vapour permeable.
- ProtectiT 100 PR prevents surfaces from deteriorating through repeated "Freeze/Thaw" cycles.
- Designed for ground surfaces with high levels of foot traffic.
- UV resistant. Non-flammable. Non-toxic. Environmentally friendly.

IMPORTANT BEFORE USE:

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

- 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.

APPLICATION INSTRUCTIONS

- Product 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 whilst the product is still wet (do not allow to dry between applications).
- Re-application; Subsequent applications MUST be applied "whilst still wet or damp" ideally within 10 minutes of previous application.
- Once a fully treated surface is dry ProtectiT 100 PR cannot be re-applied as there will be loss of adhesion.
- Efflorescence must be treated with PROTECTiT Efflorescence Remover before application of ProtectiT 100 PR.
- Product is unable to work if applied over non-absorbent surfaces.

KEY FEATURES

- Prevents ingress of most types of surface contamination, such as water, oil, dirt & graffiti.
- Resists moss & algae.
- Suitable for paving, roofs, porous building substrates.
- Breathable impregnating sealer.
- UV resistant, non-flammable.
- Non-toxic, environmentally friendly.



APPLICATION CONDITIONS/ LIMITATIONS:

- Substrate Temperature; +5°C to 30°C.
- Ambient Temperature; +5°C to 30°C.
- Substrate Moisture; 5% maximum.
- Do not apply during rain or frost and when surface and air temperature is < 5°C and > 30°C.
- Do not allow the applied product to dry in between applications.

COVERAGE:

- Architectural Concrete: 5m²/Ltr
- Block Paving: 5-8m²/Ltr
- Porous-Natural Stone (Limestone, Sandstone): 2-5m²/Ltr
- Low Porosity Stone (Granite, Marble, Slate, Terracotta) : 8 – 16m²/Ltr
- Coverage rates vary with stone porosity. All surfaces must be treated to saturation in 1-3 applications (do not allow to dry between applications) applied, to ensure 100% product efficacy. This varies with substrate, treating a small trial area is recommended to calculate true consumption.

RECOMMENDATIONS/CURING

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

CURING

- Do not apply ProtectiT 100 PR 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.

TECHNICAL DATA

- **Chemical Composition:** Aqueous fluoropolymer dispersion.
- **Density:** 1.0kg/ltr @ 25°C
- **Flashpoint:** > 55°C
- **Chemical Resistance:** mild acids and alkalis, water and de-icing salts.
- **Coverage:** Dependant on porosity
- **VOC Content:** 0.0g/litre
- **Packaging:** 1, 5, 25 and 1000 ltr Units

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.

TECHNICAL SUPPORT

For technical information on the product please visit our website: www.protectit.ie