

# TECHNICAL DATA SHEET

REV: 06/01/2018

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**PROTECTiT**  
SPECIAL PROTECTION

## COLOUR ENHANCER

Enhances the colour of all types of natural stone & concrete.

### PRODUCT DESCRIPTION

- Colour Enhancer is an aqueous fluoropolymer dispersion which enhances the colour of natural stone and porous building substrates.
- Colour Enhancer prevents ingress of most types of surface contamination, including water, oil and graffiti to porous building substrates.

### APPLICATION

*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.
- Pressure washing up to 2500 psi and the use of a Sterilising Solution.
- Colour Enhancer 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".
- Over-Coating: Subsequent applications can be applied up to 4 coats "wet on wet" to achieve the desired effect within 10 minutes of previous application.
- Colour Enhancer cannot be over applied as there will be loss of adhesion.

### APPLICATION CONDITIONS/ LIMITATIONS:

- Will not perform correctly if applied over non-absorbent surfaces.
- 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
- 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.



Img. Product Label

## KEY FEATURES

- Enhances a treated surface's original colour.
- Can be applied to vertical & horizontal interior & exterior natural stone, brick, terracotta, limestone or cement surfaces.
- Non-flammable.
- Non-toxic.
- Environmentally friendly.

### 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
- **Packaging:** 1, 5, 25 and 1000 ltr Units

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## ADVANTAGES

- Colour Enhancer prevents airborne dirt and stains from adhering to the surface.
- Good resistance to graffiti.
- Reduces surface degradation as atmospheric contaminants no longer stick to the surface.
- Resists moss and lichen formation and enhances the colour by darkening the subsurface.
- UV resistant. Non-flammable. Non-toxic. Environmentally friendly.

## RECOMMENDATIONS

- Wear protective gloves and glasses, and appropriate clothing whilst using the product.
- **Curing Treatment:** Do not apply 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.
- 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 < 5°C and > 30°C.
- **Notes:** The technical data provided is based on laboratory tests and some variations may occur on large areas and unknown substrates.

## 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 all tools and equipment immediately after use with water

## HEALTH AND SAFETY

- **Respiratory Protection:** Under normal conditions no special respiratory protection equipment is needed.
- **Hand Protection:** Wear domestic gloves.
- **Skin Protection:** Wear protective clothing over exposed areas of skin.
- **Eye Protection:** Safety glasses with side-shields.
- **If swallowed:** Do not induce vomiting. Contact a doctor or a specialist.
- **KEEP OUT OF THE REACH OF CHILDREN**

## TECHNICAL SUPPORT

For technical information on the product please visit our web site: [www.protectitsp.ie](http://www.protectitsp.ie)

**Important:** The content of this documentation is based on our experience of the product. PROTECTiT SP 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 PROTECTiT SP products or bad weather conditions. For further information, refer to the safety data sheet.



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