



ProtectAll Advanced Product Data Sheet

□ Product Information

DESCRIPTION

ProtectAll Advanced is an aqueous Fluorochemical dispersion with additional waterproofing additives.

USES

ProtectAll Advanced makes the removal of chewing gum easy and prevents damage caused by the gum.

ProtectAll Advanced prevents penetration of water, liquids, oil and most types of surface contamination to porous masonry substrates.

ProtectAll Advanced is particularly suitable for use on surfaces such as pavements and pedestrian precincts, where high levels of use are expected.

ProtectAll Advanced meets the requirements of BD43/03 (Highways Agency).

ProtectAll Advanced prevents stains and airborne dirt from adhering to the surface together with improved resistance to graffiti and algal growth.

CHARACTERISTICS

- Transparent – will not alter the aesthetics of most surfaces.
- Reduces surface degradation.
- Atmospheric contaminants no longer stick to the surface.
- Resists moss and lichen formation.
- Keeps surfaces looking natural and clean.
- Surface will remain moisture vapour permeable.
- UV resistant.
- Non-flammable.
- Non-toxic.
- Environmentally friendly.
- Alkali resistant.

□ Product Data

APPEARANCE

Milky white liquid. Totally colourless after application

PACKAGING

1ltr, 5ltr and 25ltr plastic containers, ready to use.

STORAGE CONDITIONS

Protect from frost and direct sunlight.

SHELF LIFE

12 months in unopened containers when stored in recommended conditions.

□ Technical Data

CHEMICAL BASE

Aqueous fluorochemical dispersion with additives.

DENSITY

1.0kg/lit @ 25°C

FLASHPOINT

>55°C

CHEMICAL RESISTANCE

De-icing salts, water, dilute acids and alkalis.

□ Surface Preparation

SUBSTRATE QUALITY

Any cracks must be repaired using a concrete mortar repair system. Moisture content should be = or <5% to a depth of 1cm.

SUBSTRATE PREPARATION

Must be free from dust, dirt, oil, efflorescence, organic growth and old paint films. Pressure washing up to 2500 psi and the use of Carrs Sterilising Solution: GS37 is recommended to remove organic growth.

□ Application Conditions

SUBSTRATE TEMPERATURE

+5°C to +30°C

AMBIENT TEMPERATURE

+5°C to +30°C

SUBSTRATE MOISTURE

5% maximum.

□ Application Instructions

One to two applications of **ProtectAll Advanced** to achieve saturation of substrate. Must be applied "wet on wet".

APPLICATION METHOD

ProtectAll Advanced may be applied using low pressure spray, brush or roller. Ensure application is from bottom to top on vertical surfaces.

CLEANING OF TOOLS

Clean all equipment with water after use.

WAITING TIME

All subsequent coats **MUST** be applied "wet on wet" within 5 minutes of previous application until product is no longer absorbed. Once dry **ProtectAll Advanced** cannot be over-coated with any other products as there will be loss of adhesion.

CONSUMPTION

| | |
|---------------------------------|------------------------|
| Natural Stone (high porosity): | 0.6m ² /lt |
| Rendering: | 3.5m ² /lt |
| Architectural Concrete: | 5.3m ² /lt |
| Natural Stone (medium porosity) | 7.0m ² /lt |
| Terracotta: | 7.5m ² /lt |
| Cement Tiles: | 10.0m ² /lt |
| Marble: | 14.0m ² /lt |
| Granite: | 27.0m ² /lt |

NOTES ON APPLICATION

Fresh concrete must have 28 days curing before treatment.

It is always advisable to treat a sample area in advance to check that compatibility and substrate conditions are suitable.

Efflorescence must be treated with dilute acids before application of **ProtectAll Advanced**.

ProtectAll Advanced will not perform correctly if applied over non-absorbent surface, e.g. areas that have epoxy repairs on them or old paint films.

□ Curing Details

CURING TREATMENT

It is advisable not to apply **ProtectAll Advanced** if rain is expected within 4 hours. Water repellence is evident after a few hours drying but it may take up to 7 days to reach 100% efficiency.

NOTES

Technical data provided is based on laboratory tests and some variations are possible on larger areas and unknown substrates.

□ Health and Safety

PROTECTIVE MEASURES

Please refer to Safety Data Sheet.

ECOLOGY

Please refer to Safety Data Sheet.

TRANSPORTATION CLASS

Please refer to Safety Data Sheet.

LEGAL NOTES

Please see ProtectAll Standard Terms and Conditions.