

## PRODUCT DESCRIPTION

**Aqua Fend®** is the leading 0.0% VOC product for protecting concrete, stone and all other porous building and construction materials.

**Aqua Fend®** treated surfaces are protected against the harmful effects of surface water, frost, dirt, atmospheric pollution and graffiti paints and inks. **Aqua Fend®** limits surface water retention which combats moss and lichen infestation.

**Aqua Fend®** will prevent the return of efflorescence on brickwork once it has been cleaned.

**Aqua Fend®** is suitable for protecting private residences, public buildings, offices, airports, railway buildings, coastal structures, monuments, car parks, retail shops, and historic buildings.

**Aqua Fend®** is used for protecting limestone masonry and other building materials such as sandstone, granite, marble, slate, render, plaster and terracotta. It is also an anti-carbonation treatment, effective in preventing chloride damage on concrete and other materials.

**Aqua Fend®** is an environmentally friendly, water-borne product (non-toxic, solvent and silicone-free); unlike other surface protection products, such as solvent or water-based silanes.

**Aqua Fend®** has been proved 'worker and environment' safe by 48-Hour Acute Toxicity Testing. Other products have failed this critical 'Environment Safe' test.

**Aqua Fend®** is a non-film-forming impregnation product that leaves the treated surface permeable to air and water vapour. **Aqua Fend®** is colourless surface treatment that does not change the appearance or the chemical composition of the treated surface. It is also a UV-resistant treatment, one that does not result in surface discoloration with age.

A surface treated with **Aqua Fend®** will be kept clean, benefit from an increased lifespan and be easier to maintain.

## CHEMICAL PROPERTIES

Aqueous fluoropolymer dispersion.

## ADVANTAGES AND CHARACTERISTICS

- Applicable to vertical and horizontal surfaces.
- Used for preventing pollution dirt on buildings
- Used for preventing freeze-thaw deterioration.
- Anti-carbonation, anti-graffiti protection and stain resistance for walls and other surfaces.
- Used for preventing water penetration, salts and oily liquids.
- Prevents efflorescence formation after cleaning.
- Used for preventing moss and lichen reoccurrence
- Non film-forming treatment that allows treated surfaces to breathe.
- Non-hazardous and non-toxic product with 0.0% VOC.
- Water-borne product giving invisible surface protection.
- Solvent and silicone-free.
- 95% + biodegradable according to OECD standards.
- UV-resistant does not discolours the treated surface.
- Easy to use straight from container.
- Safe to use: non-flammable product.

## PACKAGING

- 5 and 25 litre containers.
- 1000 litre IBC containers.

## TECHNICAL PROPERTIES

- **Physical State at 20 °C:** liquid.
- **Appearance:** colourless
- **Odour:** none.
- **pH:**  $8 \pm 0.5$
- **Boiling point [°C]:** 100 °C
- **Density:** 1.0 Kg/l
- **Solubility in water [vol/vol]:** fully soluble.
- **Flash Point [°C]:** not applicable.
- **VOC:** 0 g/l

## INSTRUCTIONS FOR USE

- Shake the container well before use.
- Ensure the surface to be treated is clean, dust-free and touch dry before applying the product.
- Use directly from the container; do not dilute.
- Apply using a back-packer sprayer, low-pressure sprayer, roller or brush.
- The treated surface should be impregnated to saturation point, either in one application or in two applications 'wet-on-wet'.
- On vertical surfaces, apply from the bottom up.
- Drying time: 1-2 hours (subject to ambient temperature).
- Full resistance to graffiti and liquids after 5 to 7 days.

## CONSUMPTION

Consumption depends on the porosity of the material and its geographic location. Value given as an indication only: 3 to 6 sqm/L.

## CLEANING OF EQUIPMENT

Clean tools and equipment immediately after use with water.

## STORAGE

Store away from frost and heat in a dry place with temperatures between 5 °C and 30 °C.

## RECOMMENDATIONS

- Remove all atmospheric pollution-related dirt from all surfaces to be treated before starting the treatment. Jet wash if necessary but allow drying.
- To obtain the best results on application, **Aqua Fend®** should be shaken before use and only be used when the temperature of the surfaces to be treated is above 5°C.
- Do not apply during rainy or very hot weather.
- Do not dilute or mix with any other product.

## 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 gloves.
- **Skin protection:** no special protective clothing or skin protection is required under normal conditions of use.
- **Eye protection:** if there is a real risk of splashing, wear protective goggles.
- **If swallowed:** do not induce vomiting. Contact a doctor or a specialist.

KEEP OUT OF THE REACH OF CHILDREN.

## TECHNICAL ASSISTANCE

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