

AQUAFEND

All-in-one invisible protection against water, oil, dirt, pollution & graffiti.

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

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

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

AQUAFEND will prevent the return of efflorescence on brickwork once it has been cleaned.

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

AQUAFEND 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.

AQUAFEND 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.

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

AQUAFEND is a non-film-forming impregnation product that leaves the treated surface permeable to air and water vapour. **AQUAFEND** 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 **AQUAFEND** will be kept clean, benefit from an increased life-span 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 ± 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.
The value below is given only as an indication: 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, AQUAFEND 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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