

## Product Data Sheet

### NewPro GUM MAGIC

#### Description

NewPro Gum Magic protection is an aqueous fluorochemical dispersion. It is a pale yellow liquid.

#### Range of Application and Use

- A simple application dramatically prolongs the life of all surfaces providing an innovative, scientific solution for the protection of buildings and structures; both historic and modern.
- Gum protection prevents penetration of water, liquids, oil and most types of surface contamination to porous masonry substrates.
- Prevents stains and airborne dirt from adhering to the surface. It also has a good resistance to graffiti and algal growth.
- For use on exterior stonework, patios, block paving, pedestrian areas and car parks. It can also be applied to interior stone flooring, floor tiles and garage doors.

#### Long Lasting Protection

- Gum Magic gives long lasting protection to all porous building materials, for example brick, limestone, marble, granite, slate, terracotta, concrete rendering and artificial stone.
- Contaminants no longer stick to the substrate.
- Transparent – will not alter colour or original appearance, allows the surface to breathe.
- It does not cause yellowing.
- Waterborne; ready to use; water resistant; non-flammable; non-toxic.
- Chewing gum does not adhere to the surface, also protection from liquid and oil.
- Gum Magic prevents liquid ingress – liquids simply run off the surface. It eliminates the harmful effects of moisture and prevents frost damage.
- It also prevents greasy stains from adhering to surfaces (oil, diesel, petrol, etc) and protects against general grime.
- Stains are easily removed using water and detergents.
- Gum Magic prevents moss and lichen growth on roofs, pavements and pedestrian surfaces.
- Chewing gum can usually be removed with medium pressure water jetting.

#### Product Properties

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

#### Delivery Form

Units per Package: 5 Litre bundle (product is complete, not a concentrate)

## Tests

Tested to BS EN 1062-3 Liquid Water  
Transmission Rate

## Product Data

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.
- Density: 1.0kg/lit @ 25°C
- Flashpoint: >55°C
- Chemical Resistance: De-icing salts, water, dilute acids and alkalis.

## Surface Preparation

- Any cracks must be repaired using a concrete mortar repair system.
- Moisture content should be = or <5% to a depth of 1cm
- Pressure washing up to 2500 psi and the use of Sterilising Solution is recommended to remove organic growth.

## Application Conditions

- Substrate Temperature: +5°C to +30°C
- Ambient Temperature: +5°C to +30°C
- Substrate Moisturiser: 5% maximum.

## Application Instructions

- One to three applications of Gum Magic to achieve saturation of substrate.
- Must be applied "wet on wet".
- Gum protection may be applied using a low pressure spray, brush or roller.
- Ensure application is from bottom to top on vertical surfaces; do not let the product run.
- Surfaces must be free from dust, dirt, oil, efflorescence, organic growth and old paint films.

### 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 Gum Magic cannot be over-coated with any other products as there will be loss of adhesion.

### Cleaning Tools:

- Clean all equipment with water immediately after use.

### Consumption:

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

Gum Magic 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 Gum Magic 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.

## Protective Measures

Attention is to be paid to the general protective precautionary features for water-soluble materials.

Keep away from children. Keep containers sealed tightly closed. While opening the container, hold a towel or rag over the opening. In the event of eye contact, immediately flush eyes out with water. In the event of skin contact, wash skin thoroughly with water and soap. Do not smoke during application and use. If swallowed seek immediate medical advice and show the packaging or product label to the treating physician.

The technical advice regarding the use and application of our products is the result of extensive research and development as well as many years of experience, which results in the best knowledge. The different kinds of requirements of an object, under varying conditions, make it necessary for the user to check the suitability for the intended purpose. We reserve the right to effectuate changes which serve to affect the technical advance or improvement of our product.

For further instructions, notices, or cautions, refer to the product safety data sheets.

**The product is only meant for the industrial use!**