

## GENERAL INFORMATION LEAFLET

### Product Information: Unicoatings™ UC STONE COAT - HYDRO

Unicoatings™ UC STONE COAT – HYDRO is a hydrophobic coating that once applied to a surface forms an effective barrier that protects the treated surface from damage by water or moisture for up to 5 years on horizontal surfaces and 7 years on vertical surfaces.

As well as enjoying excellent water repellent properties, surfaces treated with UC STONE COAT – HYDRO remain permeable so any liquids or gases present in the material can pass through.

UC STONE COAT – HYDRO also protects concrete surfaces from the penetration of water and pollutants (e.g. road salt) so that the reinforcing steel within the concrete is also protected from corrosion.

UC STONE COAT – HYDRO is suitable for use on concrete, fibre cement, sand-lime brick, terracotta, clay, sandstone or mineral plasters. It is not suitable for use on sandstone, travertine, natural stone, marble or granite.

In order to protect absorbent mineral surfaces against graffiti attacks, we recommend using UC STONE COAT – ANTI GRAFFITI.

#### PROPERTIES

- Hydrophobic
- Water-based, solvent-free
- Concentrate, high efficiency
- Long lasting effect, up to 7 years
- Resistant against acid rain and salt water

#### APPLICATION

- The product can be diluted with regular tap water. For optimum results, and especially after a lengthy storage period, dilute the product with demineralised water
- To dilute, slowly add the water to the concentrate. It is important to ensure that no air is allowed to enter the mixture when diluting. The formation of small gel particles is product-specific and does not harm the effect
- The suggested mixing ratio for the first treatment is 1:6 product to water. For a re-treatment, a mixing ratio of 1:8 up to 1:11 should be sufficient
- First, clean the surface of any dirt, dust or grease, ideally using UC CLEANER. Then, apply the product evenly across the whole surface by brush, spray or flow coating
- Do not apply the product if the temperature is below 5°C
- When applying to highly absorbent surfaces, we recommend using multiple coats. Deeper absorption extends the durability
- Surrounding surfaces, such as glass, rubber seals etc.) do not have to be covered
- Drying time is approximately 4-8 hours
- Depending on the degree of dilution the complete effectiveness of the impregnation will only be achieved after 3-5 days (a higher dilution ratio means faster effectiveness)
- We recommend at least 5 days' drying time before testing the effectiveness
- Application tools should be cleaned with water
- Over time, as the water repelling effect at the surface of a treated product reduces, a re-treatment should be applied

### COVERAGE RATE

Depending on the application, the surface and the required effect, the coverage rate and mixing ratio should be determined by running some tests.

### MAINTENANCE

Once completely dry, treated surfaces can be cleaned with UC CLEANER (mix 1:30 with water), which is best applied by a soft brush or sponge. Avoid cleaning with heavy abrasive actions or materials.

### PACKAGING

Please contact Unicoatings to discuss package sizes as they are determined by the mode of transport to be used.

### STORAGE

UC STONE COAT – HYDRO can be stored for at least 12 months in its original closed-up packaging. Protect from frost and direct sunlight.

### TECHNICAL DATA

Concentrated emulsion based on silane / siloxane

### LABELLING / TRANSPORT

No dangerous goods according to ADR/RID/ADNR/IMDG/IATA-DGR.

### PHYSICAL HEALTH

UC STONE COAT – HYDRO does not contain free nanoparticles that might be dangerous to health.

### SAFETY / PROTECTION MEASURES

When using UC STONE COAT – HYDRO please follow the instructions on the bottle / canister. The use of chemical preparations should only take place when the safety measures are observed and are always out of the reach of children. The technical information provided here is in accordance with the latest technical knowledge and composed from our own experience. In view of the many uses possible with UC STONE COAT – HYDRO, it is therefore the responsibility of the user to act according to the given situation in respect of safety. As the use of this product takes place out of our jurisdiction, we have set out safety and protection measures, but we cannot be held responsible in any circumstances. For any misuse of the product we cannot be held responsible. In the event of a new version of this information becoming available, this information here set out is no longer valid.

All information on our products can be found on our website: [www.unicoatings.com](http://www.unicoatings.com)