

EWI-006

Premium Bio Silicone Paint

EWI-006 is a breathable, ready-to-use Premium Bio Silicone Paint. This product is suitable for internal/external use and can be used for finishing Heritage lime renders. Due to its advanced self-cleaning action, this paint is ideal for use in areas exposed to algae and mildew, for example forests, parks and other areas of high vegetation. The advanced self-cleaning agents within the paint actively work to break down organic growth on its surface, ensuring a long-lasting finish.

Intended Uses.

EWI-006 Premium Bio Silicone Paint is suitable for internal and external use on a range of substrates. It is ideal for application on skim-coat mineral plaster surfaces, such as the EWI-060 Mineral Render. Depending on weather conditions, the product should be applied 3-7 days after the render has been applied to the substrate.



Technical Specification

Composition

Silicone emulsion dispersion, potassium water glass, active silver ions, mineral filling matter, pigments.

Bulk density (dry mixture)

approx. 1.50 g/cm³

Water vapour permeability

≥ 130 g/m² 24h

Resistance to wet scrubbing:

≥ 5000 cycles

Compliance with Standards

PN-C-81913:1998 Dispersion paints for facade painting.

European Technical Approvals ETA – 07/0118 and ETA – 07/0192



WATER
RESISTANT



FROST
RESISTANT



VAPOUR
PERMEABILITY



HYDROPHOBIC



RESISTANT TO ALGAE
AND PLANT GROWTH

Directions for use.

Substrate Preparation

Ensure that the substrate is clean, dry and dust-free. All signs of organic overgrowth should be removed, and cracks within the substrate should be filled. Apply protective covers to all surfaces that are not to be painted.

Product Preparation

Check that the paint is the requested colour. Mix paint thoroughly within its container. When using more than one tin of paint for the same surface, ensure that the batch numbers are matched.

Application

Apply using brushes, rollers or spray equipment. Paint one surface continuously before moving onto the next surface – do not allow any parts of the painted surface to dry out in the process to avoid visible lines. Depending on weather conditions, the product should be applied after 3-7 days, and at the latest 21 days after rendering. In case of multi-layer render coats, the last layer must be 7 days old, although a single layer is usually sufficient. Painting works must not be carried out during rain or snow, strong winds or direct sunlight without special shields to limit exposure to weather conditions. Paint coat drying time is 2-3 hours at a temperature of +20°C and about 65% relative humidity. Subsequent paint coats can be applied after 12 hours. This period can be longer in low temperatures and high relative humidity, e.g. in autumn. If the paint is still wet, falling mist can have the same effects as drizzle and may cause water stains and colour changes.

Paint with intense vibrant colours (reflection coefficient $Y < 20\%$) should not be used for large facades; the resulting temperature and UV radiation in these conditions may reduce paint coat durability and cause colour fading.

Application Conditions

Application temperature (air, substrate, materials):
from +5°C to +25°C
Number of coats required:
1
Drying time:
approx. 12 hours at +20°C
Quantity to be used for single coats:
approx. 150-250 ml/m ² (depending on the absorptive capacity, substrate structure and application method)

Packaging

5 and 15 litre plastic containers

Storage

Shelf life: up to 12 months from the date of manufacture.
Keep dry and in the original packaging at a temperature

Safety Measures

Avoid contact with skin. Wear eye protection. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash with water. Wear suitable protective gloves and clothing.

Clean-up

Wash tools immediately with clean water.

