PEELGUARD OUTDOOR PLUS

Removable protective film with excellent outdoor durability

Product description
Peelguard Outdoor Plus is a single-component, water-based protective coating based on a durable, post-consumer recycled polymer emulsion (36–39 per cent). Once dry, the product forms a transparent, elastic protective film that can be easily removed from the substrate. Peelguard Outdoor Plus is the result of years of continuous development of the Peelguard product range and contains high-quality additives for excellent outdoor durability, weather resistance and water resistance. The formula has been specially developed for temporary protection against intense exposure to sun and rain. The protective film is resistant to various forms of contamination, including paint, graffiti, cement splashes and efflorescence, and protects the substrate against scratches and stone chips. Once fully dry, the film is water-, UV- and frost-resistant. Peelguard Outdoor Plus is applied in liquid form and conforms to the shape of the surface. This means no time is wasted measuring and cutting the protective film to size. After use, the film is easy to remove without leaving any adhesive residue.

Use
Peelguard Outdoor Plus can be applied to virtually all solid and slightly porous surfaces, such as glass, powder coatings, plastics, concrete, window frames and cladding. Always check the suitability of the surface beforehand by carrying out a test application. The product has been developed for the temporary protection of, amongst other things, windows, window frames and precast concrete elements during construction and renovation work. It is also suitable as a protective coating in, for example, spray booths. Peelguard Outdoor Plus is suitable for indoor and outdoor applications, particularly in locations exposed to high levels of sun and rain. Please contact our technical advisers for specific applications.

Characteristics
- High-quality additives for excellent outdoor durability
- Resistant to UV radiation and moisture.
- Solvent-free.
- Forms a transparent, elastic protective layer.
- Resistant to paint, graffiti and inks.
- Protects the substrate against scratches and stone chips.
- Outdoor durability tested externally in accordance with ISO 16474-3

Technical data

Odour:	Odourless
Colour:	White
Specific gravity:	Approx. 1.03 kg/litre
pH:	Approx. 9–10

Application conditions

Ambient temperature:	maximum 30°C, minimum 10°C
Substrate temperature:	max. 30°C, min. 10°C
Relative humidity:	max. 85%.

Do not apply if it is raining or if rain or frost is expected within 12 hours of application.

Outdoor durability and UV resistance
Peelguard Outdoor Plus has been externally assessed for UV-induced ageing through exposure to fluorescent UV lamps under controlled laboratory conditions in accordance with ISO 16474-3. After a test duration of 1,000 hours, no reduction in elasticity or removability was observed. 1,000 hours under these test conditions is roughly equivalent to one year of outdoor exposure in Western Europe. When applied in accordance with the application instructions, on a suitable substrate and at the specified coverage rate, Peelguard Outdoor Plus remains intact for at least 12 months when used outdoors under heavy sun and rain exposure. For indoor applications and outdoor applications with less sun exposure, a longer protection period can be expected. The actual service life depends in part on the substrate, film thickness, exposure and mechanical stress.

Instructions
1. Mask off areas not to be treated, such as ventilation grilles, brushes, guides and sun blinds, with tape.
2. Apply Peelguard Outdoor Plus in two coats using an airless or HVLP spray gun. Apply the second coat in a criss-cross pattern over the first coat. Adjust the application rate to suit the substrate; on average, between 0.3–1.0 kg/m², depending on the substrate. The product can also be applied with a block brush or a long-haired roller.
3. Remove the protective film after use by gently peeling it away from the surface, starting from one corner.

Drying
Fully cured: 12–24 hours, depending on the conditions and the thickness of the layer.

Packaging
15kg buckets and 1000kg IBCs

Consumption
The optimum consumption depends on the substrate.

Glass:	0.3–0.5 kg/m²
Window frames and cladding:	0.5–0.8 kg/m²
Concrete:	0.8–1.0 kg/m²

Practical information
- Do not dilute or mix with other products.
- Clean equipment after use with an alkaline cleaner such as Uniclean.
- Always carry out a test application beforehand to ensure that the substrate is suitable.
- Airless spray application at 100 to 150 bar with a 0.015–0.019-inch spray tip. Please contact our technical advisers for advice.
- When applying to concrete surfaces, pre-treatment with Mavroseal WB is recommended to reduce the absorbency of the substrate and improve the removability of the protective film.
- (Silicone) sealant and other sealants must be fully cured before applying Peelguard Outdoor Plus

Storage
Can be kept for at least 12 months in its original, unopened packaging. Store in a cool, frost-free place.

Health and safety
Wear suitable gloves and safety goggles whilst handling the product. Always wear a dust mask to prevent inhalation of spray mist. If in doubt, always consult the safety data sheet or our R&D department.

Technical support
Mavro is ISO 9001 and ISO 14001 certified. This means that quality and environmentally responsible practices are at the heart of everything we do, from our products to our expert advice. Our technical advisors and R&D team are always here to help. We're happy to discuss your challenges or specific requirements and find the right solution together. Whether it's a product from our existing range or a solution we develop specifically for you, we're here to help. Give us a call, send us an email or come and visit us!

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Edition: October 2026
With this issue, all previous issues become null and void.

Article code: 99901