

ULTRALIT PROTECT

DESIGNED FOR SEALING AND PROTECTING SURFACES SUCH AS CONCRETE, TERRAZZO, PAVING STONES, NATURAL STONE AND OTHER MINERAL SURFACES. SUITABLE FOR FLOORS AND WALLS.

DESCRIPTION

CONCENTRATE in a 1:1 ratio with water

ULTRALIT PROTECT is a one-component solution of non-yellowing polymer resins based on water. It contains no solvents and is resistant to UV radiation. This sealer is designed to protect decorative/architectural concrete of floors and walls (polished concrete, terrazzo, dry-screeded floors, cast-in-place concrete, paving stones) that require protection from dirt, efflorescence, color loss, weathering, frost, etc., to avoid degradation over time. ULTRALIT PROTECT is suitable for both indoor and outdoor use and can be applied to any porous concrete with any type of finish (from smooth to rough).

BENEFITS

- User-friendly (water-based)
- Suitable for indoor and outdoor use (UV resistant)
- Resistant to water, oil and dirt
- Protects against efflorescence
- Weather-resistant
- Prevents color fading
- Long-lasting durability and high abrasion resistance

APPLICATION AREAS

Can be used on concrete floors in facilities such as:

- Shopping centers
- Supermarkets
- Aircraft hangars
- Parking lots
- Warehouses
- Distribution centers
- Production plants
- Medical facilities
- Office buildings and more

PHYSICAL PROPERTIES

Form	Transparent liquid with slight tint
Specific Gravity	1,07 gr/cm ³
pH	7-8
Freezing Temperature	0°C
Solution	Concentrate to be diluted 1:1 with water
Shelf Life	1 year in the original, unopened packaging

PACKAGING



ULTRALIT PROTECT is available in:
5, 20, 30-liter containers, 200-liter drums

ESTIMATED COVERAGE RATES

Coverage rate on average is about 8–16 m²/liter (50-130 ml/m²) depending on the quality of the substrate.

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APPLICATION

Precautions / Limitations:

- Protect from freezing.
- Always clean the surface to remove dirt, milky residues, hardening compounds, or coatings that might prevent ULTRALIT PROTECT from penetrating.
- Apply only when the temperature will remain above 2°C for at least 4 hours after application.
- Keep surfaces treated with ULTRALIT PROTECT away from water for at least 24 hours after application.
- Protect metal, glass, wooden and painted surfaces from contact with ULTRALIT PROTECT. If the product is accidentally applied on these surfaces, wash them immediately with clean water.
- The product may slightly darken the floor after application.

APPLICATION PROCEDURE

- Dilute the concentrate 1:1 with water (e.g., 0.5 liters of concentrate + 0.5 liters of water).
- Apply ULTRALIT PROTECT (the diluted product) to the surface using an acrylic paint roller or sprayer, then if necessary spread it evenly with a microfiber mop. Preferably apply two layers of the solution at an interval of half an hour. This allows the product to be absorbed capillary, penetrate into the deepest layers, and consolidate completely and uniformly. The consolidation treatment reduces microporosity, resulting in lower water absorption and reduced brittleness, while preserving the final appearance of the treated substrate. The high resistance to ultraviolet radiation and yellowing provides exceptional durability over time.
- Coverage: Each layer should be applied at coverage rate of 50–70 g/m², corresponding to a coverage of 8–16 m² per liter of diluted product per 2 layers.
- Polymerization: Polymerization reaches 96% effectiveness within 24 hours. It is possible to walk and work on the surface after approximately 3 hours. Cleaning should be performed only after 6 days when sufficient polymerization has occurred.
- Moisture Protection: For surfaces exposed to water or moisture, protect them from moisture for up to 24 hours after application.

MAINTENANCE

Do not use acidic cleaning agents (pH below 7) on treated floors. Although ULTRALIT PROTECT improves the resistance of concrete floors to staining, some acidic products may cause stains if left on the surface. Remove any acidic products immediately after they are spilled to minimize potential damage. Regular dust removal using a microfiber mop or a dry dust mop will help maintain the desired effect.

SAFETY / HEALTH INFORMATION

KEEP OUT OF REACH OF CHILDREN.

Do not drink. If swallowed, drink large quantities of water. Do not induce vomiting. Seek medical attention immediately. Keep container closed tightly when not in use. Wear goggles and gloves. If splashed in eyes, rinse eyes immediately with clean water and seek medical attention if irritation persists. Additional precautions, safety information and first aid treatments are contained in the Material Safety Data Sheet.

CUSTOMER SUPPORT

ULTRALIT PROTECT is available worldwide. For technical support, product information, and distributor contact details, please visit our website at www.ultralit.eu or send an inquiry to info@ultralit.eu