

# ULTRALIT MATT

## PROTECTIVE COATING FOR CONCRETE AGAINST WATER, OIL, DIRT

### DESCRIPTION

Ultralit Matt is invisible solvent-free UV-resistant sealer which is designed to protect decorative/architectural concrete used for floors and walls (polished concrete, terrazzo, dry shake floors, cast-in-place concrete, paving stones) which require protection against soiling, efflorescence, loss of color, weathering, frost, etc. Ultralit Matt is suitable for indoor and outdoor application and can be applied on all absorbent concrete with any kind of finish (from smooth to rough). It is applicable on moist and dry surfaces and provides breathable long lasting screen.

### BENEFITS

- user-friendly (water-based)
- can be applied indoor and outdoor (UV resistant)
- water, oil- and dirt- repellent
- protects against efflorescence
- weather-resistant
- protects against frost
- protects against colour fading
- changes in coating thickness remain invisible
- long term durability and high resistance to abrasion

### CAN BE APPLIED ON CONCRETE FLOORS OF

- Shopping malls
- Supermarkets
- Parking garages
- Airport hangars
- Warehouses
- Distribution centers
- Manufacturing plants
- Schools and universities
- Medical facilities
- Office buildings and others...

### PHYSICAL PROPERTIES

Form	Pale liquid
Specific Gravity	1.0
pH	5.0
Freeze Point	0°C
Shelf Life	1 year in original, unopened package

### PACKAGING

Ultralit Matt is packed in 30 liter pails (36 pails on the pallet).



### ESTIMATED COVERAGE RATES

- In dependence on surface quality: 5-30 m<sup>2</sup>/L (30-200 mL/m<sup>2</sup>).

## APPLICATION

### **Precautions / Limitations:**

- Protect from freezing.
- Always clean surface to remove any dirt, laitance, curing compounds or coatings that may prevent Ultralit Matt from penetrating the surface.
- Apply only when temperatures will be above 2°C for at least 4 hours following application.
- PROTECT SURFACES TREATED WITH ULTRALIT MATT FROM WATER FOR 24 HOURS MINIMUM AFTER APPLICATION.
- Protect metal, glass, wood, paint or brick from contact with Ultralit Matt. If accidentally oversprayed on these surfaces, wash surface with clean water immediately.
- In all cases consult the Material Safety Data Sheet before use.

### **Application procedure:**

- Freshly laid concrete is recommended to be cured for 28 days before application of Ultralit Matt. Can be applied on moist surfaces (no standing water) and dry surfaces.
- Can be used indoor and outdoor.
- Remove all dirt, debris or curing compounds. It is recommended to grind and level the concrete surface with an orbital floor machine or diamond grinding machine equipped with diamond discs or diamond abrasive pad depending upon desired exposure and size of the aggregate. Recommended level of grinding/honing/polishing before application of Ultralit Matt is 200-400 grit or higher (up to 800-1500 grit) with notice that if needed – Ultralit Matt can be applied on concrete without any surface preparation.
- Using a low-pressure sprayer, apply a coat of Ultralit Matt at a rate that covers the surface, but does not produce puddles. Uniformly spread the product in a thin layer using a microfiber pad that should be pre-moistened with Ultralit Matt prior to use. Average coverage rate is 5-30 m<sup>2</sup>/L in dependence on surface quality. Roller or sprayer can also be used.
- Let the coating dry for 24 hours.
- When applying to vertical surfaces, always start from bottom to top with zigzag movement.

- PROTECT SURFACES TREATED WITH ULTRALIT MATT FROM WATER FOR 24 HOURS MINIMUM AFTER APPLICATION.
- Surface is ready for use when dry, but maximum water and stain resistance will develop over 7 days.
- Clean brushes, tools, equipment and sprayer with potable water immediately after use.

## MAINTENANCE

Do not use acidic cleaners (with pH below 7) to maintain treated floors. Though Ultralit Matt will improve stain resistance of concrete floor, some acidic products may leave a stain if left on the surface. Clean up all spills promptly to minimize possible damage. Daily removal of surface dust with a microfiber pad or dry dust mop will help to maintain the desired appearance. Regular maintenance cleaning with auto scrubber will improve surface shine.

## 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 Matt is available worldwide. For technical assistance, product information, Dealer location - visit our web site at [www.ultralit.eu](http://www.ultralit.eu) or email at [info@ultralit.eu](mailto:info@ultralit.eu)