



CIR ULTRA FINISH (LUX/MATT)

Solvent-based, anti-stain, hydro and oleo-repellent impregnant for the protective treatment of floors and pavings made in absorbent natural stones.



DESTINATION ➔ Internal and external absorbent pavings. **CIR ULTRA FINISH** is specifically suited for the finishing treatment of industrial concrete floors and pavings even in environments subject to HACCP regulations. Do not apply to polished or completely non-absorbent surfaces.

PROPERTIES ➔ **CIR ULTRA FINISH** is based on a two-components water-based and "solvent-free" polyurethane system, specifically suited for the finishing treatment of absorbents external and internal floors and pavings in general (natural stone, concrete, self-leveling resins etc.).

The product, in the **MATT** uncoloured version, it's certified for use in food environments subject to HACCP regulations. **CIR ULTRA FINISH** can be applied on cementitious floors of industrial warehouses and factories or parking lots. It can also be used as a finish over floors made with self-leveling epoxy or polyurethane resins. The treatment, available in both glossy (**LUX**) and opaque (**MATT**) effect, exhibits excellent toughness and resistance to abrasion caused by foot traffic. It also shows high resistance to UV rays (it doesn't become yellow if exposed to direct sunlight), water, detergents (alcohol, acetone, etc..) and fuels/oils. The treated floors are walkable 24 hours after application. Before transit through with mechanical vehicles, wait for the complete cross-linking and complete hardening of the product (7 days). The treated floor is washable with common neutral detergents for maintenance. An important feature of the product is that it can be coloured with compatible universal toners for the realization of decorative finishes: add "COMPONENT A" to an universal colored toner or organic pigment for aqueous systems (up to a maximum of 20% by volume of color) before mixing it with the COMPONENT B, to obtain decorative finishes. The product is not recommended for use on surfaces subject to vehicular traffic such as heavy vehicles, cars, transit of vehicles or goods handling equipment, in the absence of specific prior inspection by our technical office.

USE ➔ It is recommended to apply one hand of the specific primer **PROMOCER** in order to promote adhesion and make more uniform the absorption of **CIR ULTRA FINISH** by the paving. In case of application on new cementitious surfaces, it is necessary to wait for the maturation and hardening of the substrate before treatment. If applied on new "self-leveling" resins, these must be perfectly dry, hardened and applied by no more than 24 hours; on older "self-leveling" resin, it is necessary to abrade the surface with sandblaster or abrasive sponges to ensure perfect adhesion. In both these cases, it is not necessary to apply any primer. "COMPONENT A" and "COMPONENT B" are ready-to-use and must be added and mixed together before application of the treatment. Shake well "COMPONENT A" before use. Then, mix "COMPONENT A" with "COMPONENT B" respecting the mixing ratio, by adding 170 ml of "COMPONENT" B to 830 ml of "COMPONENT A" to obtain one liter of mixture. Mix well for 2/3 minutes. The mixing of the two components is extremely easy and can also be done manually. Apply at least two coats of the obtained mixture on the paving (which must be perfectly clean and dry) to treat by using micro-fiber-haired roller or polyamide roller. In order to optimize the result is important to apply the product uniformly, avoiding stagnation. The second coat should be applied after the drying of the first coat (see "Drying-Times"). The stability of the two components once mixed ("Pot-Life") is about 4/6 hours maximum: it is therefore essential to respect these terms of time regarding the application and use of the product. Wait until completely dry in order to evaluate the effectiveness of treatment. For proper maintenance of the surfaces treated with **CIR ULTRA FINISH** we recommend the use of the specific maintenance product **PAV CLEANER**. Avoid improper use of products for the maintenance of the treated surfaces (acids, ammonia, bleach and alcohol).

Always perform preliminary tests on the surface to treat in order to verify the adhesion and resistance of the product to the specific conditions of end use and to avoid possible undesirable effects. Do not apply if the floor is not perfectly dry and if there could be presence of rising damp.

All information contained in our records correspond to our best knowledge of current techniques and cannot be considered binding or challenging as the real application conditions, verifiable case, may also result in major changes of both practices described above and the results obtained. Perform preliminary tests to determine if the product is suitable for the intended or not. We decline any liability for any damage resulting from improper use or misuse of the product. Do not litter in the environment. This data sheet replaces all previous versions.



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YIELD ➔ Approximately, **8-12 m²/lt** of product (A + B).

TECHNICAL DATA

COMPONENT A

- ➔ **APPEARANCE:** whitish liquid
- ➔ **SPECIFIC WEIGHT:** 1,04 Kg/l ± 0,1 approximately

COMPONENT B - CATALYST

- ➔ **APPEARANCE:** viscous transparent liquid
- ➔ **SPECIFIC WEIGHT:** 1,15 Kg/l ± 0,1 approximately
- ➔ **MIXTURE POT-LIFE:** 4/6 hours, maximum
- ➔ **CONTENT OF ACTIVE:** 39 ± 1 %
- ➔ **MIX RATIO (FOR EVERY LITER OF MIXTURE):**
Component A – 830 ml
Component B – 170 ml
- ➔ **DRYING TIMES:**
1-2 hours per hand (opaque "MATT" version)
4-5 hours per hand (glossy "LUX" version)

PACKAGING

CIR ULTRA FINISH LUX (5 LITRES)

- COMPONENT A** ➔ **4,15 liters** plastic **TANK**
- COMPONENT B** ➔ **0,85 liters** plastic **BOTTLE**

CIR ULTRA FINISH MATT (5 LITRES)

- COMPONENT A** ➔ **4,15 liters** plastic **TANK**
- COMPONENT B** ➔ **0,85 liters** plastic **BOTTLE**

CIR ULTRA FINISH MATT (1 LITER)

- COMPONENT A** ➔ **0,83 liters** plastic **BOTTLE**
- COMPONENT B** ➔ **0,17 liters** plastic **BOTTLE**

SPECIFICATIONS ➔ High resistance two-component finishing treatment, based on polyurethane resins catalysed in aqueous system, specific for external and internal absorbent floors where high resistance to foot traffic is required, combined with high durability, certified for use in food environments subject to HACCP regulations (such as **CIR ULTRA FINISH** by CIR). The treatment must make the treated floors impermeable to water and dirt and must exhibit considerable wear resistance due to weathering and foot traffic. It must have high resistance to acid and / or alkaline substances and / or oils. It must also have high resistance to UV rays, it must not turn yellow over time, it must be easily applied by roller and must be reversible by mechanical removal. The product must be equipped with a 16-section safety sheet as required by the legislation in force.

WARNINGS

- ➔ Product intended for professional use.
- ➔ Usage temperatures: + 5 °C / + 35 °C.
- ➔ Do not apply on floors subject to rising damp.
- ➔ Carefully protect the surfaces to which the product is not intended.
- ➔ Equip operators as required by current safety regulations.
- ➔ Properly ventilate enclosed spaces during use of the product.
- ➔ Use on surfaces subject to vehicular traffic is not recommended, in the absence of a specific prior inspection by our Technical Department.
- ➔ Always carry out preliminary tests (sampling).

HAZARD AND PRECAUTIONARY STATEMENTS

COMPONENT A

HAZARD STATEMENTS "H":

- EUH210 SAFETY DATA SHEET AVAILABLE ON REQUEST
- EUH208 CONTAINS 1,2-BENZOISOTIAZOL-3 (2H) -ONE. MAY PRODUCE AN ALLERGIC REACTION

COMPONENT B - CATALYST

CONTAINS: HEXOPHTHYLENE-1,6-DIISOCYANATE HOMOPOLYMER, HEXAMETHYLENE DIISOCYANATE, PRODUCT OF THE HYDROPHILIC POLY-ISOCYANATE OLIGOMERIZATION

HAZARD STATEMENTS "H":

- H332 HARMFUL IF INHALED
- H335 MAY CAUSE RESPIRATORY IRRITATION
- H317 MAY CAUSE AN ALLERGIC SKIN REACTION

PRECAUTIONARY STATEMENTS "P":

- P101 IF MEDICAL ADVICE IS NEEDED, HAVE PRODUCT CONTAINER OR LABEL AT HAND
- P102 KEEP OUT OF REACH OF CHILDREN
- P271 USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA
- P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION
- P312 CALL A POISON CENTRE/DOCTOR/... IF YOU FEEL UNWELL
- P403+P233 STORE IN A WELL-VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED
- P501 DISPOSE OF CONTENTS/CONTAINER TO...

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