

COMPACT LTH

Consolidator **SOLVENT FREE**

The protector COMPACT LTH is a hybrid organic/inorganic Nano Lithium hardener for exterior surfaces and coverings.

Lithium silicate water based high performing formulation with high solid content specifically developed for interior/exterior industrial applications. for natural stone. The treatment presents a very low VOC content.



Coverage: 1 liter for approx. 10-15 m2 depending on the finish of the surface and on its absorption.

Description



This hardener for outdoor / indoor surfaces and coverings represents the ideal solution for maintenance products and new buildings needing an excellent protection against abrasion, corrosion and chemical substances. It makes the following steps easier and offers a longterm protection.

Once hardened the protective covering COMPACT LTH creates a very hard and half polished coat, depending on the porosity of the surface and on the quantity applied. The treatment hardens quickly and does not turn yellow; it improves the aesthetical aspect and maintenance procedures, protecting the surfaces for a long time. Perfect for concrete floors, concrete blocks, ferrous/non-ferrous metals, aluminum, asphalt and existent coverings.

Owing to its adhesion properties COMPACT LTH does not exfoliate and offers an excellent conservation of the polish and of the color of concrete floors or other surfaces.

Application areas

- Concrete
- Concrete blocks
- Food processing structures
- Refineries
- Paper factories
- Marine structures
- Chemicals processing structures
- Offshore platforms
- Water treatment and waste water plants

Strong points

- Makes the finish stronger, sealed and aesthetically pleasant but at the same time resistant to dust, stains (oil and several acids) and deterioration.
- Creates a solid, impenetrable, pleasant and easy to maintain surface, even though in particularly unfavorable conditions.
- Hardens quickly and forms a long lasting coat for the structures needing maximum protection.
- Reduces maintenance routine and cleaning and repairing costs. A cleaning with a cloth or a cleaning machine is enough.
- Ecological product, low COV content, solvent free.
- Safe product, does not produce harmful fumes or smells. Non-combustible.
- Easy to clean with water, the application tools can be cleaned with water and soap.
- Hardens quickly, reducing inactivity period. Can be exposed to traffic within some hours, not days.

Instructions

Protect all areas that must not be treated with COMPACT LTH

The surface must be clean, dry, free of any contaminating substance and in good conditions.

• APPLICATION BEFORE POLISHING OF THE CONCRETE SURFACE

Before grinding apply COMPACT LTH which penetrates into the open porosity of concrete. Spray the product onto the surface and spread out with circular motions using a microfiber cloth.

Allow to dry for 24 hours and follow up with the grinding steps until polishing the surface.

• APPLICATION ON CONCRETE SURFACES AFTER MINIMUM 7/14 DAYS

Spray the product onto the surface and uniform with circular motions using a microfiber cloth.

Allow to dry the first coat.

Apply a second coat and distribute evenly on the surface with a soft bristle broom.

Allow every coat to dry before applying a further coat.

Allow to dry minimum 1 hour then apply a very thin coat of COMPACT LTH, using a microfiber buffer or an atomizer.

MODERATE PEDESTRIAN TRAFFIC AFTER 30 / 60 MINUTES, VEHICLES AFTER 2 HOURS.

To achieve optimum performance up to 24 days may be needed, depending on temperatures and humidity.

Avoid standing water and eliminate immediately any kind of water or liquid traces or puddles.

Maintenance

Clean application tools and accessories with water.

Clean and wash the treated surfaces with cleaning machines and water. If needed use a neutral detergent like MGP 24.

DO NOT USE acid cleaners or solvents.

Packaging and Storage

Keep the original, sealed container in covered, ventilated, dry environment and keep away from heat or low temperatures. After the use keep the package well closed, so the product has a shelf life of approx. 36 months.

Box of 15 x 1 liter bottle – Box of 4 x 5 liter cans

Warnings

Before using the product, read the toxicological data sheet (MSDS) and the label detailing all risks and the personal protective equipment to be used for a correct use. The data of this technical data sheet is based on reliable information. Despite of this, the manufacturer can't know in advance the condition of the materials to be processed and the way of use of the product. Therefore, he disclaims any and all responsibility for damage arising from inadequacy of the product for special applications.

Before treating or cleaning surfaces, carry out a test on an invisible point to prevent possible damages, since our responsibility is limited to the warranty of the purchased product and therefore we disclaim any responsibility for damages resulting from negligence or wrong use.

MASSIMO PIRACCINI srl

Sede Legale: Via Santa Croce 477 – 47032 Bertinoro (FC) Italy

Unità Amministrativa: Via Marco Uccellini 22 – 47034 Forlimpopoli (FC) Italy

Tel. +39 0543 745268 Fax +39 0543 745644

www.mptreatment.com info@mptreatment.com export@mptreatment.com

