

PROHARD

PRODUCT DESCRIPTION

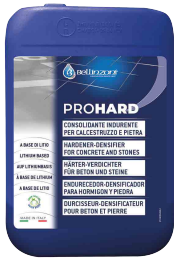
PROHARD is a water-based, lithium silicate densifier designed to harden cementitious based surfaces and natural stone materials creating a dense, hard surface that enhances gloss and appearance. It is a non-film-forming, penetrating hardener that reacts chemically with concrete and calcium carbonate to form a solid, durable structure. This treatment increases abrasion resistance, reduces dusting and liquid penetration, and improves surface reflectivity—especially when used on polished concrete, natural stone, limestone, agglomerates, and terrazzo.

APPLICATION SURFACES

Concrete, marble, granite, natural stone, limestone, terrazzo and cementitious based agglomerates

CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE:	Liquid
COLOR:	Colourless
ODOR:	Odourless
SPECIFIC GRAVITY AT 20°C:	1,04 +/- 0,05 g/cm ³
SOLUBILITY:	Soluble
PH:	11,00 +/- 0,40
STORAGE AT 20°C:	24 months in original packaging



HOW TO USE

ALWAYS TEST PRODUCT FIRST following below indications, before proceeding with complete product application. Ensure that surfaces to be treated are completely clean, free of dirt, dust, grime and surface incrustations. Cover and protect all surrounding areas before proceeding with application.

Application during a polishing process:

Stir or shake well before use. Apply the product to a surface that has been ground up to 200 grits in order to expose open pores and ensure maximum product penetration. If grinding with water, allow the surface to dry completely (24 hours) before applying PROHARD. To save time, we recommend dry grinding to accelerate the process. Once PROHARD has been applied and has dried completely, proceed with the next grit to continue the grinding process. The surface will continue to harden over time. Full chemical reaction may take up to 7 days, depending on environmental conditions.

Apply a generous amount of product to the surface using a brush, roller, or low-pressure sprayer, ensuring full coverage of the area to be treated. Use a clean microfiber cloth to evenly distribute any pooling or excess product. Do not allow the product to dry on the surface during this stage. Do not leave dry spots. Keep the surface wet for at least 10-15 minutes to ensure adequate penetration.

Once completed, allow the product to dry and to absorb completely for 12 to 24 hours before proceeding with the next grinding stages.

Notes: do not apply to wet surfaces. During application, product should be applied to materials with temperature between 10° and 30°C. If in contact with glass or metallic surfaces, remove residues using a damp cotton cloth. Maintain product in its original container/packaging. Always test product first.

RECOMMENDATIONS

PROHARD can be used on all surfaces that are subject to heavy traffic and therefore prone to wear and damage. It is particularly recommended for use in warehouses, factories, parking areas, garages, and other high-traffic environments. The product can also be applied as a treatment after floor sanding. Once applied, it penetrates the surface without forming unsightly films. Maintenance and cleaning of the flooring become easier after treatment. PROHARD is developed and tested in the BELLINZONI laboratory, and test results certify a measurable increase in surface hardness—even on limestone. Before use, read completely product label, technical data sheet and safety data sheet.

INDICATED COVERAGE

Polished concrete, limestone and terrazzo: 8/15 m² *
(*) depending on the number of coats applied and porosity of the surface.

PACKAGING

CODE	CONTENT	PCS PER BOX
094CPROB005	5 lt	4
094CPROB025	25 lt	1

For further information: www.bellinzoni.com

ATTENTION: Read completely the product label before proceeding with product use. Maintain product in its original container/packaging. Do not disperse packaging in the environment and dispose of separately in accordance with local regulations. Keep out of the reach of children. Always test product first on a small hidden area so to verify final results and product compatibility with material. Product may darken and change the original colour on certain materials. Product does not protect from acid-based substances. While using the product wear indicated protective PPE and clothing and read completely the safety data sheet.

Disclaimer: the present information supersedes and replaces all previous versions. All data indicated in this document are the results of tests and experiments carried out in our laboratories and through reliable operators within the stone business and have to be considered reliable. However, because of the many external and surrounding factors which can influence the final results, the information here reported does not constitute an implicit or a formal guarantee. The end user will undertake the full responsibility in the usage of the product, making sure to test first the product and to experiment with the product as a preventive measure so to understand its full and final characteristics. Bellinzoni has to right to modify any information mentioned on this document, at any time and without notice. Bellinzoni is the sole owner of all trademarks and logos indicated in this document and to copy or modify in part without permission can infringe property rights. Bellinzoni will not be held responsible for its incorrect use and will follow legal percussions as of current law.