



Engineered stones

Protection manual

Protection guidelines for natural stones



MADE IN ITALY





OUR HISTORY

The company Bellinzoni, founded in 1937 in Milan (Italy), immediately stood out for research and development of innovative products with high quality profile, that accompanied the development of the stone market by providing solutions to the problems that have occurred over the years, in an almost centenary path. In order to fulfill this vision, continuous investments have been necessary in manufacturing facilities, modern and efficient research and development laboratories that gave innovative and certified instruments to the Company, while enhancing its legacy of knowledge.

Starting from the first product, "Special Preparation for Polishing", still on the market, the Company has come to more than 50 currently available products, all dedicated to the protection, polishing, filling and maintenance of marble, granite, stone, terracotta, ceramics, metals and plastics.

The presence on the relevant markets continued in quick steps, the Company established itself primarily in Italy and in Europe, up to today in over 80 countries worldwide thanks to its distribution network formed by direct branches, retailers, importers and supermarkets.

WORDWIDE

Argentina, Bahrain, Bangladesh, Belgium, Bolivia, Bulgaria, Canada, Czech Rep., China, Chile, Cyprus, Colombia, Corea South, Costa Rica, Croatia, Dominican Rep., Ecuador, Egypt, E.A.U., Estonia, Finland, France, Germany, Greece, Holland, Hong Kong, Hungary, India, Indonesia, IRAN, Israel, Japan, Jordan, Kuwait, Libano, Luxemburg, Macau, Macedonia, Malaysia, Malta, Mauritius, Morocco, Mexico, Moldavia, Nigeria, Norway, New Zealand, Oman, Panamá, Peru, Poland, Portugal, Portorico, Qatar, Romania, Russia, Saudi Arabia, Slovak Rep., Slovenia, Spain, Sri Lanka, South Africa, Switzerland, Taiwan, Thailand, Tunisia, Turkey, Uganda, Ukraine, Uruguay, Venezuela, Vietnam, Yemen.

DETAILS

30 Countries Bellinzoni® trademark registered

90 Destinations in the world

122 Container loaded (2015) 20' ft

25 Exhibitions every year (worldwide)

PRODUCTION LINES



PROTECTIVES

Complete range of protectives for marble, granite, quartz and stones surfaces



POLISHERS

Range of polishers for marble, granite, quartz stone surfaces and floors.



ADHESIVES

Range of mastics for the grouting, smoothing, glueing and sealing of marble, granite, quartz, stones floors and surfaces.



CLEANERS

Range of cleaners for the maintenance of marble, granite, quartz and stones.



PROBLEM SOLVING

Range of products suitable for removing spots and rust on marble, granite, quartz and stones surfaces and floors.



BUILDING PRODUCTS

Range of products suitable for construction on natural stones.



OUR CERTIFICATE

Engineered stones

Cleaning after installation

All cement residues left during the tile laying and grouting must be removed using an appropriate acidic compound. The product that can be used for this purpose is the EXTRA STRONG DETERGENT BERT/27. Dilute the product 1:10 in clean water (dilution may vary depending on the dimension and stubbornness of the cement residues). Rub firmly using a single disc polishing machine equipped with light abrasive pad (green pad) and remove dirty water and residues using liquid vacuum. During cleaning it is very important to rinse thoroughly until the water used becomes clear; this means that no residues are left on the floor. If necessary, residues could be removed using a mop and hard cement leftover can be removed using a manual brush.

We want to emphasize this point: after installation, if cleaning is not carried out correctly, the floor may retain an invisible film of lime which will collect dust over time, or may jeopardize the good maintenance of the floor. can be used taking care of following instructions.

After cleaning with BERT 27 it is necessary to neutralize the acidity; last rinse must be done using a light alkaline detergent that will neutralize acidity, bringing back a balanced pH to the surface. Neutralization can be made using Detergent Lem-3; dilute 1:50 in water (one cup of coffee in 5 liters of water).

Particular and difficult spots

During installation or during construction of the building, some spots could appear on the floor due to oil, grease or rust. Two specific products are available in this case.

Absorbing poultice Mangiamacchia
Rust remover in gel

Recommended Equipment:



Floor protection

Natural stones have their own porosity, they have been created by nature and different stones have different chemical properties. In order to prevent staining, Bellinzoni manufactures a wide range of protective agents. Protective chemicals are divided in two main categories: water-repellent and anti-stain.

Water-repellent products provide a protection against water and moisture penetration.

Anti-stain products provide a wider range of protection. Depending on the chemical contained they can be against water, moisture, grease, oil, saltpeter, efflorescence etc

The method of application is the same for every product

Apply on clean and dry floor, the application may vary depending on the size of the surface, and it can be made by brush, by roll, by mop or by wax applicator. It is suggested to apply the product following the tile joint mark to avoid overlapping. Once the product is applied in the right quantity, let it dry naturally. In case of excess, the residues can be removed by rubbing the surface with a cloth damped with the same chemical used to protect the floor.

Because of the particularity of treatment, more information can be found on our web site or on the manual "Protection of natural stones".

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Recommended Equipment:



Maintenance

After protection it is necessary to follow up with an adequate maintenance program. Sometime the maintenance program can be specifically formulated for a certain project or a particular site. Here below we resume general guidelines for maintenance of granite floors:

Private houses, offices, floors not larger than 500 sqm

Daily cleaning

Clean the floor using Detergent Lem-3. Dilute 1:20 in water and cleaning can be done using a mop or a cleaning cloth.

To keep the original floor shine, we suggest applying an emulsified specific liquid wax , LIQUID WAX RR/1, every 2-3 months.

This chemical gives a warm shine to the floor and keeps it clean and shining.

For easy and quick maintenance of not too dirty floors, it is possible to use our product Clean & Polish L&L on a daily maintenance basis. Dilute the product 1:30 – 1:50 in warm water and apply using a mop.

L&L cleans and polishes in one step.

Recommended Equipment:



Big areas more than 500 sqm, cinemas, shopping centre, airports

Daily cleaning

Because of the dimension of the floor it is necessary to use appropriate equipment and the right chemical.

After protecting the floor, the recommended maintenance routine is to use our Clean & Polish L&L with the scrubbing machine.

Pour the product Clean & Polish L&L directly into the tank of the machine. Dilute 1:50 in water and proceed with cleaning the surface. Scrubbing machine choice depends on the dimension of area to be maintained.

Sometime stains from food residuals, organic soil, etc. may remain on the floor although the stone has already been protected by a sealer.

It is suggested to clean the spots using Ultra Stripper; dilute 1:20 with warm water.

Clean manually with a mop or sponge or mechanically using a single disc polishing machine.

It is necessary to clean thoroughly the entire floor every three to four months (i.e. stripping) with Detergent Decer-Dos or UltraStripper dilute 1:20 with water using the scrubbing machine.

L&L cleans and polishes in one step.

Recommended Equipment:



Renovation

Sometime due to the heavy traffic that floors have to support, the surface can be damaged by the abrasive action made by trolley, shoes, sand, dust etc.

Typical problems are lines, scratches, and shine loss.

Depending on the seriousness of damage it is possible to restore the original aspect of the floor using appropriate chemicals, tools and machineries.

How to renew the lost shine

Independently on the correct practice described on the previous points, the loss of shine is caused by the abrasive action (i.e. trampling, trolley etc).

This abrasive action is similar to sand-paper damaging the substrate because it removes microns of material. Such damages make the floor look dull and off-colour and these defects cannot be restored by regular maintaining products alone. In such cases it is necessary to use the POLISHING GEL "EUREKA" for granite which allows the stone to re-shine in one step.

Wash the floor thoroughly using a single-disc machine equipped with appropriate disk in order to remove all dirt, residues of old waxes and other chemicals (we recommend using our UltraStripper).

Rinse very well and dry up the floor with a vacuum.

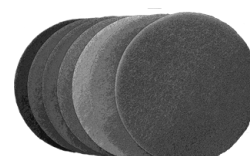
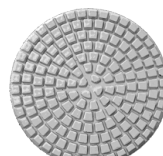
Pour a small quantity (around 30 gr. - 1 oz.) of "Eureka" directly onto the floor, under the natural fiber disk, dampen slightly and then work the product with the PHOENIX single disc machine (speed 150-400 rpm) weighing minimum 30 Kg (66 lbs.) or a polishing-grinding machine over around 1-2 sqm (15-20 sq. ft) of floor surface. Nebulize or pour water in case the gel dries up too quickly during operation. Distribute the product evenly and keep on working the surface until "Eureka" is dried and until the desired shine is obtained.

In case of more serious damages including scratches and complete dullness we recommend to use our FIBRALUX PAD or DIAZONE before Eureka Granite gel.

The FIBRALUX PADS or DIAZONE must be used under the floor scrubbing machine.

There is a choice of various grits from #1 to #7; the choice of grits number to be used has to be made after assessing the floor damage.

Recommended Equipments:





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