

## TECHNICAL DATA SHEET (TDS)

# BERT 27

ID Product Code 012



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## ACIDIC BASED CLEANER

Heavy duty cleaner for granite, ceramic, porcelain, cement, stones.

### Product description:

Very concentrated acid base detergent for granite, cement, porcelain, terracotta & unpolished stones in general. BERT 27 cleans material from every type of inorganic dirt, it acts also against rust. BERT 27 can be used for deep cleaning of very dirty floors, for cleaning of mortar leftover after installation and for cleaning floor with grease and oily dirt (factories, workshops etc ...). BERT 27 is a effective cleaner for urban and cemetery décor and removes scaling and saltpeter.

### Chemical characteristics:

Appearance	Liquid
Color	Clear transparent
Odor	Pungent
Specific gravity at 20° C (68° F)	1,07±0,02
Hydro-solubility	Soluble at every ratio
pH	0,50 ±0,02
Biodegradability	100%
Shelf life at 20°C (68° F)	24 months in original container

### Instruction for use

BERT 27 must be used on very resistant dirt on strong surfaces like Granite, Pebble, Ceramic Porcelain, Basalt and Cement floors. It acts very well for the removal and degreasing of oily residuals, salt efflorescence or superficial oxidation spot (rust on granite).

Dilute the product in pure water, proceed applying using a mop or pour it directly on the part to be treated.

**For floor application** dilute 10/20 ml (one cup of coffee) of BERT 27 in one liter of water, lay the product using a mop, let it work for 5-10 minutes and then rub with brush, abrasive pad or, if available, using a single disc machine (150-250 rpm) equipped with green or red abrasive discs type Scotch Brite®. BERT 27 can be used manually using a nylon brush, scrubbing brush or mop. Rinse with plenty of water. If dirt residual are still present, proceed to reapply the product. Rinse very well with water, brush continuously and recover residual using sponges, cloths, mop or vacuum.

**For vertical application** it is possible to use a brush and then rinse very well using a pressure washer.

### Application tools



Single Disc Machine



Mop



Scrubbing brush



Brush



Pressure washer

### Tests & certifications

The product respect **STANDARD UNI 11322 "Stone floor coverings" Instructions for the design, installation and maintenance**, in the chapter relating to the MAINTENANCE.



**DISCLAIMER** All data indicated in this leaflet are the results of tests and experiments carried out in our laboratories and through reliable operators in the stone business and have to be considered reliable. Because of the many factors which can influence them, the information here reported do not constitute implicit or formal guarantees. The end user undertakes the responsibility in the usage of the product making sure to experiment the product characteristic as preventive measure.



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### Suggestion for use and recommendations:

Dilute the product in water in dependence of the dirt to be removed. We suggest following dilution:

- To clean spot of cement, mortar, plaster etc... dilute 20/30 ml (2 table spoon) of product in 1 liter (1 quart) of warm water.
- To clean spot of rust, grease etc... dilute 50 ml (3-4 tablespoon) of product in 1 liter (1 quart) of warm water.
- To clean residual of efflorescence on granites, porphyry and ceramic: dilute 30 ml (2 table spoon) in 1 liter (1 quart) of warm water.
- The product is acid based therefore we recommend to rinse very well all tools used for the job, specially the vacuum unit or single disc machine.
- **We suggest not to use BERT 27 on polished marble, on terrazzo, on calcareous stones on slates and any material acids sensitive.**
- Read carefully recommendations printed on label and perform a preliminary test on a small area before actual use.

### Application surfaces

Granite, Pebbles, Ceramic, Porcelain, Basalt and Porphyry.

### Coverage

To wash stone floors in general is possible to treat 150/200 sqm (1600/2200 sq.ft.) with 1 liter (1 quart) of product. Coverage of product depends on the quality and intensity of soil to remove. For rust, coverage depend of the deepness of the rust, if it is superficial rust due by contact with rusted iron, iron blasting, generally it is possible to clean 30/40 sqm (350/450 sq.ft.). If it is resistant rust it would be necessary a double application. In the extreme case of very resistant rust due by presence of iron in the stone it will be necessary to use the **Bellinzoni product RUST REMOVER in Gel (TDS code 075)**.

### Safety procedures

As far as the proper working procedures is concerned, we recommend to consult Material Safety Data Sheets issued according to E.U. rules and to follow your national laws concerning safety in the working place. MSDS is available on our web site [www.bellinzoni.com](http://www.bellinzoni.com)

### Packing

Item N°	Packing	Pcs	Size and weight packaging	Carton per pallet (sea transport)
012DBERT01	1,00 lt (33,82 fl.oz.)	12	cm 36x27x26 – kg 11,50	24
012DBERT05	5,00 lt (1,32 Gal)	4	cm 23x40x26 – kg 9,00	27
012DBERT25	25,00 lt (6,60 Gal)	1	cm 50x32Ø – kg 22,00	16

The composition of the tins and jerry cans are High Density Polyethylene (HDPE). After use, comply with the local and national regulations currently in force regarding recycling. Our packing is conformed as per U.N. rules for inland transport (A.D.R.) and by sea (I.M.O.) for transportation via air refer to updated rules (I.A.T.A.). For further information regarding transport please check MSDS.

### H.S. Code

34.02.1900

### Trademark and Origin of the good

BELLINZONI® is a registered trademark of Bellinzoni company. The law considers a trademark to be a form of property and any misuse can be persecuted by law. Bellinzoni s.r.l. declares that our product BERT 27 is **MADE IN ITALY**.



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