



# POWER DET®

POST-INSTALLATION CLEANER AND STAIN REMOVER FOR PORCELAIN TILES



## User guide

### DESCRIPTION:

POWER DET® is a high-performance descaling and stain-removing cleaner, formulated as a stabilized hydro-solvent blend of solvents, surfactants and inorganic acids. It is specifically designed for the extraordinary cleaning and decontamination of porcelain tiles.

### FIELDS OF APPLICATION:

Suitable for extraordinary cleaning and post-installation cleaning of porcelain tile surfaces, especially:

- polished porcelain tiles
- lapped porcelain tiles
- matt porcelain tiles

It is effective for removing:

- dull marks and surface haze
- stubborn stains
- installation residues and post-construction contamination

### CHARACTERISTICS:

POWER DET® is specifically designed for the restoration and decontamination of porcelain tiles because:

- it is a concentrated cleaner for post-installation cleaning and extraordinary stain-removal cleaning;
- it is recommended for heavily stained surfaces affected by haze and dull marks;
- it degreases, descales and removes surface films and external contamination (grease, detergent residues and limescale) caused by incorrect maintenance or improper post-installation cleaning;
- it is recommended for newly installed porcelain tile floors because it deeply removes cement grout residues, paint, construction dirt, production and installation films, mortars and even coloured grout residues, restoring the surface to its original appearance.

#### Application Note

POWER DET® is not intended for daily cleaning and should not be used excessively diluted.

### INSTRUCTIONS FOR USE:

POWER DET® can be used neat or diluted with water over the entire porcelain tile surface to ensure uniform decontamination.

#### Neat Use – Post-Construction Cleaning

Use POWER DET® undiluted to remove:

- surface films
- construction dirt
- heavy and stubborn grout residues

#### Diluted Use – Extraordinary Stain-Removal Cleaning

Dilute POWER DET® at:

1 part product + 1–2 parts water

(example: 1 L of product + 1 L of water)

for extraordinary cleaning of heavily stained, marked and dirty surfaces.

#### Application Procedure

1. Apply POWER DET® generously with a cloth over the surface;
2. Treat 4–5 m<sup>2</sup> at a time;
3. Leave to act for at least 10 minutes without allowing the product to dry;

4. Scrub using blue pads or blue discs made of plastic fibres;
5. Remove residues and product with a microfibre cloth or wet vacuum;
6. Rinse 2–3 times with clean water until all dirt and product residues are removed;
7. Repeat the application if necessary.

For long-term maintenance of treated surfaces, the regular use of GRES LINDO® and GRES BRILL® cleaners is recommended.

## PRECAUTIONS:

During the use of POWER DET®:

- do not use on wood or on untreated highly absorbent terracotta;
- do not use on materials that are not resistant to solvents;
- do not use in scrubber dryers;
- protect painted surfaces from contact with the product;
- protect acid-sensitive materials (e.g. polished calcareous marble, slate and polished terrazzo).

## NOTES:

Our recommendations are based on current research knowledge and are intended to give the best information to the buyer-user. However, these indications require preliminary examinations and tests to the fields of use, to the types of materials present, and to the various conditions of application. The user decides independently on suitability and on the field of use. MARBEC Srl assumes no responsibility for the incorrect use of its products. Rev9-Ver11022025

## WARNINGS:



### WARNINGS: DANGER

**Hazard statements:** Causes severe skin burns and eye damage.

**Precautionary statements:** Do not breathe dust / fume / gas / mist / vapors / spray. – IF IN CONTACT WITH THE EYES: rinse thoroughly for several minutes. Remove any contact lenses if easy to do. Continue rinsing. – IF IN CONTACT WITH SKIN (or hair): immediately take off all contaminated clothing. Rinse the skin [or take a shower]. – Wear protective gloves/clothing and protect eyes/face. – IF SWALLOWED: rinse mouth. DO NOT induce vomiting.

**Contains:** Alcohols; C11-13-branched; ethoxylated (> 2.5 moles EO)

Ingredients compliant with Regulation (EC) No. 648/2004:

Aliphatic hydrocarbons <1%; non-ionic surfactants between 5% and 15%; anionic surfactants <5%

UFI: EUC0-S0RV-A00V-X87K

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## PACKAGING:

- 1 L PE bottle – boxes of 6 units
- 5 L PE container – boxes of 4 units
- 20 L PE container

## YIELD:

The coverage of POWER DET® depends on:

- application method (neat or diluted use),
- type and level of contamination (post-construction residues, surface films, haze and built-up dirt),
- absorbency and finish of the porcelain tiles (matt, lapped or polished),
- contact time and the need to keep the surface wet during treatment,
- any repeat application required on heavily contaminated areas.

Coverage When Used Neat (Post-Construction Cleaning / Stubborn Residues)

When POWER DET® is used undiluted, the indicative coverage is:

1 L / 15–20 m<sup>2</sup>

This coverage is typical for post-installation cleaning and situations where the following are present:

- installation and production films,
- construction dirt,
- heavy and stubborn grout residues.

In these situations, product consumption is higher because, when treating 4–5 m<sup>2</sup> at a time, a sufficient amount of product is required to:

- ensure uniform wetting of the surface,

- maintain a contact time of at least 10 minutes,
- prevent the product from drying before removal.

#### Coverage When Diluted (Extraordinary Stain-Removal Cleaning)

For extraordinary cleaning of heavily stained, marked and dirty surfaces, using POWER DET® diluted 1:1 or 1:2, the indicative coverage is:

1 L / 30–60 m<sup>2</sup>

In this case, coverage increases because the main objective is extraordinary decontamination and the removal of lighter surface films and haze compared to post-construction cleaning, while still maintaining excellent cleaning performance.

#### Coverage Note

The coverage values indicated are approximate and may vary depending on the actual condition of the surface, the level of contamination, the application method and the number of treatments required to achieve a uniform result across the entire surface.

### TECHNICAL DATA:

- Physical state: colorless to amber liquid
- Specific weight (g / cm<sup>3</sup>): 1.05
- pH (20 ° C): 1-2
- Flashpoint (ASTM): not flammable
- Solubility in water: partially soluble
- Odour: characteristic

### STORAGE:

Keep the product tightly closed at temperatures between 0°C and + 30°C and not exposed to sunlight for a long time. The stored product has a useful life of 2 years.

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