Delta Plus

Water-based acid detergent to clean cement or lime residues, salt or calcareous deposits.

Delta Plus develops a controlled detergent action that is compatible with the hardened mineral grouts, completely eliminating all calcareous residues.



1. **Can be diluted in water in any ratio**
2. **Suitable for use with compact and porous materials**
3. **No toxic substances released**

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Areas of application

→ Use
Removal of cement or lime residues, salt or calcareous deposits.

Substrates:
- ceramic, porcelain tiles
- cotto and glass mosaic
- concrete and cement-based plasters
- clay bricks
- cement-based grouting

Internal and external floors and walls.

Do not use on marble, natural stone, calcareous recomposed materials, cement-based floor tiles and wood; on ceramic tiles, glazes, metallic or chrome-plated surfaces that are not resistant to acids.

Instructions for use

→ Preparation of substrates
Substrates must be free from dust and loose or flaky debris. Concrete, plasters and coloured cement-based grouts must be fully hardened. On very absorbent substrates (cotto, clay brick, cement etc.) or during the summer months, it is recommended that the surface to be treated is moistened with water until saturation point.

→ Preparation
Delta Plus is a sea green ready-to-use liquid, water-dilutable in any ratio depending on the degree of resistance to acids of the surfaces to be cleaned and the type of dirt to be removed. Shake the can or bottle well before opening in order to redisperse the liquid evenly.

→ Application
Apply Delta Plus evenly to the surface to be cleaned and leave it until the dirt to be removed begins to visibly lift; this may take a few minutes or up to 10-20 minutes depending on the degree of absorption of the substrate. After this, scrape the surface with mechanical abrasive brushes. In the case of large surface areas, a mechanical buffer with an abrasive felt pad is recommended. Repeat for highly stubborn dirt. When finished cleaning, rinse the surface thoroughly and dry carefully to ensure residual traces of the acid detergent do not continue to corrode, especially on absorbent cement-based substrates.

→ Cleaning
Residues of Delta Plus can be cleaned from tools by rinsing them thoroughly.

Special notes

→ Delta Plus is a liquid detergent with corrosive acid action. Before using the product, it is advisable to hermetically seal all doors, windows, rubber seals, furniture and any surface that could be attacked through direct contact with the detergent or with vapours. When using the product, wear rubber gloves, a mask to protect the respiratory system and professional safety glasses.

→ Wait at least 7 days before using Delta Plus on normal setting cement-based grouts and 3 days on rapid-setting ones.

Abstract

Cement or lime residues, salt or calcareous deposits and adhesive or cement-based grout residues can be removed from ceramic and porcelain tiles or from cotto, glass mosaic, clay bricks and concrete using a water-based, acid detergent, such as Delta Plus by Kerakoll Spa. Apply evenly to the surface to be treated, remove dirt with mechanical means and rinse thoroughly, for an average coverage of ≈ ____ 0.1 – 0.3 kg/m².

Technical Data compliant with Kerakoll Quality Standard		
Appearance	green liquid	
Specific weight	≈ 1.1 kg/dm³	
Shelf life	≈ 12 months from production in the original sealed packaging	
Warning	protect from frost, avoid direct exposure to sunlight and sources of heat	
Pack	5 / 1 kg cans	
Water dilution ratios	all ratios	
Viscosity	≈ 13.2 mPa · s, rotor 1 RPM 100	Brookfield method
pH	≈ 1	
Temperature range for application	from +5 °C to +35 °C	
Boiling point	+100 °C	
Thermal decomposition	+150 °C	
reaction	immediate	
Waiting time before cleaning with water	≈ 5 – 15 min.	
Coverage	≈ 0.1 – 0.3 kg/m²	

Values taken at +23 °C, 50% R.H. and no ventilation. Data may vary depending on specific conditions at the building site, i.e.temperature, ventilation and absorbency level of the substrate and of the materials laid.

Warning

- → Abide by any standards and national regulations
- → store and use at a temperature above +5 °C. Protect from frost
- → rinse thoroughly all surfaces treated
- → some glazes and tiles are not resistant to acids, apply to a sample section first
- → aerate all environments during and after use
- → do not use on marble, calcareous stone and materials which you cannot be certain are resistant to acids
- → do not leave cans or bottles open, even during use
- → if necessary, ask for the safety data sheet
- → for any other issues, contact the Kerakoll Worldwide Global Service +39 0536 811 516 - globalservice@kerakoll.com

Kerakoll Quality System ISO 9001 CERTIFIED IT10/0327

Kerakoll Quality System ISO 45001 CERTIFIED 18586-I

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