



## Technical Data Sheet

# ASO<sup>®</sup>-R005 ASO<sup>®</sup>-Steinreiniger /REINIT-R Tile, clinker and stone cleaner – concentrate

**Art.-No. 2 06400**

- highly concentrated, liquid cleaning agent
- solvent-free
- does not leave residues
- dissolves cement films, concrete and mortar residues, lime deposits and lime containing efflorescence

### Areas of application:

ASO-R005 serves as a tile and stone cleaner for the removal of cement and lime contamination, lime scale and lime containing efflorescence. For cleaning non-acid sensitive materials, e.g. wall and floor tiles, mosaics, glass mosaics, twin tiles and furthermore for granite, porphyry etc. Caution with limestone (e.g. marble) and calcareous sandstone!

As a cleaner for facades to remove mortar residues, cement films and lime deposits. Also for use on non-rendered masonry work and surface finishes (clinker, quarry stone, exposed aggregate concrete) – also for roughening smooth concrete surfaces and therefore improving the bond of following coatings.

As a rinse for exposed aggregate concrete. For the removal of cement laitance from the surface of concrete following installation. Washing with ASO-R005 quickly and securely removes this.

### Technical Data:

Basis:	organic acid
Consumption:	approx. 500 ml/m <sup>2</sup> (mixed material – mixing ratio is dependent of the degree of contamination)
Colour:	clear
Packaging:	1, 5, 10 and 25 liter container
Storage:	frost-free, dry, min 24 month in the original unopened container. Use opened containers promptly.

### Product application:

Only use ASO-R005 diluted with clean water (from 1:10 to 1:3 dependent on the degree of contamination and the thickness). ASO-R005 begins to act immediately on contact with the material to be dissolved, which can be seen by the formation of strongly foaming carbon dioxide. Rubbing with a Nylon brush and using warm water can considerably assist the cleaning function. Ensure there is good ventilation. Vent closed containers on site. Rinse away dissolved substances immediately with adequate clean water. With particularly old and tenacious contamination, repeat the cleaning process as necessary.

### Important Advice:

- Protect areas not being treated from the effects of ASO-R005.
- Always carry out a preliminary test to avoid colour variations in the treated substrate and to determine the consumption.
- Heed the suitability as well as application recommendations of the stone or tile manufacturer.
- As ASO-R005 is a corrosive material always work with rubber gloves and protective eye glasses. It is sufficient to rinse immediately with water should there be brief skin contact. In comparison to mineral-based acids, clothing is not attacked by ASO-R005. Do not use any metal containers or tools when using the product.
- Proceed with caution with calcium based stones (e.g. marble etc.) and calcareous sandstone!
- On contact with metal, immediately protect from corrosion (e.g. cover in grease).
- With enamel, it is recommended to clean for a short period then rinse immediately with water!

Please observe a current EU safety data sheet.

**GISCODE: GF50**