

Technical Data Sheet

RADtop 10

Impregnating agent for natural and artificial stone and cementitious materials.

Product description RADtop 10 is an aqueous emulsion of a solvent-free, water and oil repellent impregnating agent based on modern PFOA and PFOS-free C6-fluorides. RADtop 10 is suitable for impregnating alkaline building materials such as natural and artificial stone. RADtop 10 provides a complete protection of brickwork and façades. Due to its stain release properties, the substrates stay dry and clean. RADtop 10 provides a reliable and long-lasting protection for brickwork and façade against water intrusion, efflorescence and destruction by water-soluble pollutants as well as against frost damage and the attack of micro-organism. In addition to the water repellent effect, RADtop 10 provides excellent and long-lasting oleophobic (oil repellent) properties to the treated substrate. Therefore RADtop 10 is perfectly suited for the water and oil repellent treatment of floors and worktops for home and industrial use. RADtop 10 is suitable for: - plaster - grout - porous concrete - industrial made bricks and clinker - sand-lime bricks - natural and artificial stone	RADtop 10 is free of silicones and, thus, does not affect the natural colour shade of the treated material. There is no significant change to the physical properties, in particular the water vapour permeability (sd value), of the substrate treated with RADtop 10 Application Before application, RADtop 10 is diluted with clean tap water at a ratio of between 1:4 and 1:14. RADtop 10. can be applied by use of rollers, by painting, flooding or airless-spraying. Deep penetration is required for a long-lasting and reliable water and oil repellent effect. In order to allow maximum substrate penetration and effective lifetime, the substrate should be totally dry, as water inside the capillaries of the substrate prevents deep penetration by the product. The water and oil repellent effect develops within 24 hours of application.
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Storage stability The packages must not be exposed to direct sunlight. Although the product is not frost-sensitive, we recommend a storage temperature within a range of + 5 to + 25 °C. In originally sealed containers,	RADtop 9 may be stored for approx. 12 months after the date of delivery.
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Product properties of RADtop 9

Composition	aqueous emulsion based on C6-fluorides
Appearance	milky-opaque
Active content	approx. 40 %
Type of solvent	solvent-free
Solubility	water dilutable
Flashpoint	n.a.
Viscosity (at 20 °C)	< 100 cSt
Density (at 20 °C)	approx. 1.1 g/ccm
pH value	approx. 3
Packaging	plastic canisters, plastic drums*, IBC
Storage stability	approx. 12 months at + 5 to + 25 °C

Note: These figures are only intended as a guide and should not be used in preparing specifications.