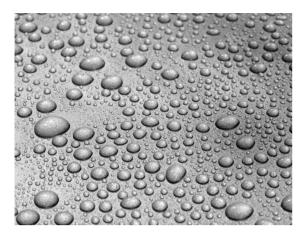


Technical Data Sheet



Easy Clean Coating additive Fluoropolymer solution

Grade Ref: ECC 7000 Manufacturer: 3M, USA

3M™ Easy Clean Coating ECC-7000 is an air-dried, clear, colorless treatment for ceramic tiles, sanitary fixtures and glass surfaces that can be used to provide "Easy to Clean" performance. This fluoropolymer will react with the surface to create a low surface energy coating that is not easily wetted with liquids. The treatment is stable and cannot be removed except by harsh cleaners or reagents, such as abrasive cleaners.

Typical Properties

Composition

10% Fluoropolymer 90% Fluorinted Ethers

Dilution/Usage 10%

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Contact us for the formulation.

Depending upon usage and application
pH adjusting is required and change in formulation.

Key advantages

- Surface protection
- Water & Oil repellency
- East removal of stain
- Easy clean properties
- Reduce water cleaning cycles
- Increase lubricity
- Air dried system
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End use applications

- Sanitaryware
- Glazed Ceramics
- Glass
- Ophthalmic glasses

Initial contact angles (water/hexadecane)

90°-105°/55°-65°

Contact angles after abrasion 50,000 cycles with cleaner

80°-95°/45°-50°

Contact angles after exposure 24 hrs 18% HCl at 20°C

90°-95°/50°-55°

Storage

It is recommended that ECC-7000 coating be stored in a closed bottle, away from direct sunlight, in a cool, dry place (temperatures between 10-25°C/50°-70°F). Avoid contact with moisture. Shelf life is 1.5 years from date of 3M manufacture.

Available packaging

1000 gram

Shelf life

1.5 years

3M is a trademark of 3M - Geocon Products are distributors of 3M India Limited. To support Indian market and customers we keep stocks of Fluorosurfactants in warehouse & support customers



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NOTE: Although the data supplied above is believed to be accurate, each user is advised to make an independent determination as to whether the described product is appropriate for a particular use or application, whether such use will comply with all applicable laws or regulations, and whether such use will infringe the intellectual property rights of third parties.