



C.10 with Microban® is a single component, easy to use coating for glass that repels both oil based and water based stains and renders the surface easy to clean. C.10 contains built-in Microban antimicrobial technology that is effective at inhibiting a wide spectrum of gram-negative and gram-positive microorganisms/bacteria and has been proven efficacious using the industry standard test method ISO22196.

DESCRIPTION

C.10 with Microban® is a protective coating that chemically bonds to the surface, creating a non-stick barrier that resists corrosion, soap scum and staining. While cleaning is made easier and less frequent, the need to clean is not eliminated. C.10 is completely invisible and does not change or alter the appearance of the surface. C.10 provides both hydrophobic and oleophobic (water and oil repellency) protection, reducing both staining and etching that often forms on shower glass, and other areas where glass is subjected to harsh conditions. The C.10 with Microban® molecule is highly resistant to chemical breakdown by ultraviolet light giving it long term stability. C.10 will eliminate the need to use harsh and often toxic cleaners needing only a simple wipe with a microfiber cloth and water or a mild detergent to keep surfaces clean. C.10 incorporates antimicrobial treatment tested in accordance with AATCC 30 Part III and ISO 22196.

TECHNICAL DATA

Table with 2 columns: Property and Value. Rows include Appearance and color, State, Odor Characteristic, Specific Gravity, Vapor Density, Melting Point, Boiling Point, Solubility in Water, and Flash Point.

FEATURES & BENEFITS

- Assists in reducing both staining and etching: Glass is microscopically porous and as a result, it absorbs contaminants and pollution which causes discoloration and deterioration. C.10 with Microban® seals the surface of the glass helping to prevent the deterioration caused by staining and etching from contaminants including soap scum, grime, and minerals. As a result, the time and frequency of cleaning the surface is reduced.
C.10 with Microban® is effective against a broad spectrum of bacteria: Microban® technology is proven to fight the growth of bacteria on your shower glass. The technology is incorporated into the glass during the fabrication process, becoming a permanent feature of the molecular structure, and never washes off or wears away throughout the lifetime of the coating.



- **Maintenance costs are significantly reduced:** C.10 with Microban® works to help minimize the incidence of staining, odors and premature product degradation. Harsh chemicals are not necessary to maintain the clarity of the glass. Environmental benefits, health benefits and water savings are all direct results of this technology.

SUITABLE SURFACES

C.10 can be used on a wide range of glass surfaces including shower screens, shower doors, balustrades, glass railings, pool fencing, awnings and canopies, glass backsplashes, glass wall covers, glass entrance doors and many more glass surfaces.

DURABILITY

C.10 with Microban chemically bonds with the glass substrate and forms a permanent protection that can only be removed by abrasion and/or removal of the top layer of the glass surface. C.10 is resistant to UV degradation and as there is no film formed, no coating break down will occur. HMI C.10 Glass Protection with Microban® will remain water repellent to an easy-clean level, on clean glass for a period of 10 years from the date of the installation.

SURFACE PREPARATION

The glass surface needs to be thoroughly clean to allow the C.10 to maximize bonding to the surface and offer the long life expressed by the warranty. Mildly dirty surfaces may be cleaned using a stronger cleaning solution or a cerium oxide paste solution to completely remove all traces of foreign material. The glass needs to be spotlessly clean and streak free when viewed from various angles.

APPLICATION METHOD

C.10 can be applied by hand or by mechanized methods in factory to the glass before installation or on site by professional applicators.

CURING PROCESS

On application the carrier solvent flashes off, leaving the coated surface dry within a few minutes. It takes up to 8 hours to cure under standard conditions of 77°F (25°C) and 60% humidity, however longer curing times can be expected if the temperature and humidity is lower. Glass maybe handled lightly almost immediately after application.

MAINTENANCE

When cleaning treated glass be careful not to use any rough, gritty or abrasive cleaners as you may damage the coating and void the warranty. Use only a damp microfiber cloth/mitt and water or mild detergent solution. For areas with hard water or bore water, a solution of vinegar and water (1 to 4) should be used regularly to avoid the buildup of dissolved salts. Squeegeeing or wiping down after each use will stop these water drops drying into dust marks. In regions with high Silica in the water, the manufacturer recommends using a squeegee after EVERY use. Note: Visible streaking or swirling patterns may appear on the glass when the glass is steamed up. This is a normal occurrence and does not affect the performance of the surface protection. It isn't visible when the shower is dry and not in use.



HMI

INNOVATORS IN GLASS

TECHNICAL DATA SHEET

DANGEROUS GOODS INFORMATION

Flash point: Less than 73.4°F (23°C)

Packaging Group: II

UN No: 1993 Hazchem: •3YE

Precautions: Highly Flammable

HEADQUARTERS:

4795 SHEPHERDSVILLE ROAD

LOUISVILLE, KY 40218