



EZ ARMOR

HYDROPHOBIC TREATMENT FOR GLASS

EZ ARMOR is a hydrophobic surface treatment formulated to produce water repellent and oleophobic properties when applied to glass substrates. The product contains an amphiphilic polymer dispersed in mineral spirits. When applied to glass, the polymer reacts with the substrate via a moisture activated sol-gel chemistry.

Packaging, Handling & Storage:
Packaged in 5, 15 and 55 gallon container. Store in a controlled environment at 32 to 100Fs. Shelf life is 12 months from date of manufacture

Manufactured by
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Contact Angle:

After application and cure, EZ ARMOR produces contact angles of 100-107 degrees on glass substrates.

Chemical Resistance:

EZ ARMOR has been exposed for 24 hour periods to chemicals ranging in pH from 1.5 to 13.5 with no degradation in properties. These materials include 98% sulfuric acid, cleaning chemicals, ammonia, acetic acid, and 10% sodium hydroxide.

Abrasion Resistance:

EZ ARMOR has been subjected to abrasion using wet wipe, dry wipe and tabor abrasion cycles. After twenty-five thousand cycles, the contact angle remains above 95 degrees and the slide angle remains less than 10 degrees.

Application:

The product is applied using a paper towel, cotton cloth, or sponge. Care should be taken to ensure the substrate is clean and dry. Clean the surface with Isopropyl alcohol, or an ammonia based cleaner. The material should be applied in a uniform film across the surface of the glass and allowed to dry for 1-5 minutes. After drying excess material should be removed using a microfiber cloth.

Coverage:

One gallon treats approximately 2000 sq. meters.