

Technical data sheet of Easy cleaning liquid

In the industrial field, with the wide application of terminal window touch glass in industrial control, vehicle, smart home appliances, personal terminals and other products, the AF easy cleaning coating treatment of optical glass surface has become an indispensable treatment process. However, due to the high pretreatment requirements of AF process, construction environment requirements and cost constraints, it is difficult to widely introduce AF treatment process in the fields of oversize household glass, automotive glass, curtain wall glass, solar panel, etc. In order to solve similar problems, optimize cost and construction conditions, and provide operable easy cleaning coatings for such fields as the above, our company has developed DH-E300 special easy cleaning coating solution for the above glass application fields based on years of AF research and development experience, which has outstanding performance, stable quality control, and is suitable for quantitative operation. Through good operation design, it is not only suitable for surface treatment of fresh glass, but also for activation coating treatment of glass surface with low activity, presenting lotus leaf effect, easy to clean, beautiful and easy to take care of.

Product parameters:

Product Name	Easy cleaning coating solution
Model	DH-E300
Components	Solvent, siloxane polymer
Appearance	Colorless to light yellow
Smell	Alcohol odor
Hydrophobicity	Drop water into a bead
Glidability	The water drops drop obviously when the slope is 8 degrees
Wet abrasion resistance (wet cotton cloth)	125g force, 100 * 100mm, 37 times of abrasion resistance in one minute, 25,000 times of water drainage and easy cleaning.

Product features:

1. After construction, the glass is easy to clean, antifouling, mildew resistant, not easy to scratch, anti UV aging, easy to care, easy to clean, and bright as new.

Product use:

It is applicable to non optical fields such as household glass, curtain wall glass, automotive glass, shower glass, solar panel, bathroom glass and ceramic products.

Usage method:

According to the actual situation of the base material, appropriate methods can be selected for operation (spin coating, spraying, hand coating, etc.). It is recommended that small area trial coating be carried out before construction.

Recommended usage:

Spin coating

1. Cleaning and drying before construction.
 - 1.1 Use a horizontal washer to clean the glass surface and dry it with hot air.
 - 2.1 Clean with anhydrous cleaning agents such as industrial alcohol and hydrofluoroether, and dry with hot air.
2. Spin coating operation
 - 1.1 Start the machine and check whether the transmission shaft, pressure injection and temperature control of each section are normal.
 - 2.1 Put or pour the easy cleaning coating solution into the liquid storage bottle and seal it.
 - 3.1 After spin coating, cleaning and drying, check the appearance of the products for defects such as missed coating and unclean cleaning.

Hand coating

1. During manual coating, wet the wiping cloth with an appropriate amount of easy to clean coating solution, and apply it evenly in the vertical and horizontal directions. Visually ensure that the coating is even.
2. After step 1 is completed, there will be oil film covering substances on the surface. After standing for half an hour, after the glass wool pores fully function, rinse with water, wipe with dry cotton cloth to dry, and the glass coating is completed. The glass is bright and transparent.



Matters needing attention:

- 1、 Sealed and stored in a cool place with clear labels to prevent misuse;
- 2、 Keep away from kindling and heat sources, and keep out of the reach of children;
- 3、 The workplace should have good engineering ventilation conditions;
- 4、 It is recommended that operators wear protective clothing, chemical protective gloves and goggles;
- 5、 Do not enter the mouth. Avoid contact between eyes and skin. In case of splashing into eyes, wash them with plenty of water immediately and seek medical advice.
- 6、 Flammable solvent is used as the carrier of this product. The storage, use and transportation shall be in strict accordance with the regulations on management of flammable products. Open flame, high temperature and electric spark are strictly prohibited.
- 7、 Please refer to MSDS for detailed safety control.
- 8、 Packaging and storage:
Package: 1L/bottle
Storage: In a cool, dry place, avoid direct sunlight.