

Product Information

Universal non-absorbent ALGT 673-1X

Product Description:

ALGT673-1X is a temporary easy-to-clean impregnation which generates a thin Easy-to-Clean film on glass and ceramic or on certain metal surfaces (chrome, stainless steel, aluminium). The adhesion of dirt and deposits is reduced and water and other liquids pearl off easily. The tendency of soiling is diminished and the surface can be cleaned easily and with lower cleaning efforts.

Characterisation*:

Active agent:	siliconfree siloxane compound in ethanol
Colour	Colorless - pink liquid
pH	3,-3,8
Solid Content	0,5-1,5%wt
Solubility /Dilution	Ready to use
Stability	The tightly closed original containers at least 22 months, have to be stored at 5°C to 25 °C (protect from direct sunlight). Opened container should be processed quickly. The expiration date of each batch is shown on the product label. Storage beyond the specified period also does not necessarily mean that the product is unusable. A check-up of the necessary properties for the specific application is essential in this case for reasons of quality assurance.
Handling	Refer to safety data sheet. We recommend the use of rubber gloves and a protective mask in particularly for spray application (e.g. full mask No. 6800S with the particle filter P3 No. 5935 and the active filter cartridge protection stage A2 No. 06915, offered by 3M). Good ventilation is to be provided during processing. Ignition sources have to be kept away. After skin contact a washing with water and soap is necessary.

Application:

For safety assurance, we recommend that smock, goggles and gloves must be worn. Splashes on skin have to be rinsed with water and soap thoroughly. The product contents alcohol, therefore the compatibility with sensitive surfaces has to be checked. Ensure that the work place is well ventilated.

Treatment of the surface has to be conducted under room temperature conditions.

The processing is accomplished in three steps:

1. Cleaning, 2. Application, 3. Curing.

Cleaning:

Surfaces have to be cleaned thoroughly from dust, dirt, oil and grease. We recommend using an abrasive cleaner, an alkaline or an acidic cleaner (compatibility has to be tested). Please use only cleaner without drying agents! Please rinse surfaces after cleaning with demineralized water in order to remove surfactant residues. An indicator for a proper cleaned surface is an even laminar wetting with the clear rinse water. If the surface is still showing hydrophobic properties, please repeat the cleaning step. After rinsing, the surface has to be dried, e.g. with compressed air. Please make sure that the compressed air is oil-free!

Application:

The coating is applied at room temperature and humidity conditions by polishing with a fluff-free cotton cloth soaked with **ALGT 673-1X**. The material is to be used economically. After drying (1-2 minutes) surplus coating material can be removed with a clean cotton cloth.

Curing:

The material has to be dried at least for 30 minutes at room temperature up to one day at room temperature. In case of higher atmospheric humidity longer curing times are necessary.

If the easy-to-clean effect should diminish, a refresh can be repeated.

Concluding remarks:

The above-mentioned details reflect the criteria regarding our quality inspections. They do not constitute any legal assurance of particular product features or of the suitability for a specific application. All of the values are applicable at the time when the product leaves the supplier's factory. The values stated are reference points, they are subject to being continually updated within the scope of product maintenance. A written sales agreement shall be required for the information concerning product specifications to have a binding character. Please refer to our warning notices, our product information sheets and safety data sheet.

Should you require further information and technical advice, our Applications Engineering Department and the relevant R&D Department are at your disposal.

Our product information and (applications) engineering consultancy services, whether communicated orally, in writing or by means of tests, are in accordance with the current status of the knowledge and experience gained by us.

We reserve the right to modify and update our products within the scope of technical progress and further developments within the company. This information is provided without engagement. The sole purpose of such information is to provide details on the properties of our products and their potential applications. It does not constitute any guarantee and is not intended to be an assurance of any particular properties or suitability for a specific application. The client or user is thereby not exempt from carrying out his/her own testing to determine the suitability for the intended processes, purposes and applications by members of staff with the appropriate qualifications.



This also applies with regard to the protection of proprietary rights of third parties. Brand
Brand or trade names of other
companies are mentioned merely by way of example and do not constitute any
endorsement, the use of other products of the same nature is not excluded.

*No concluding knowledge is yet available regarding trial products still in the testing stage.
Their specifications have not yet been conclusively determined and may change at any time
during the testing stage. Therefore, it is not possible to make conclusive statements with
regard to characteristics including, but not limited to their processability as well as the
parameters for production and applications engineering. Subject to technical modifications
and amendments.