

Technical Data Sheet

PT 725 PLUS glass-paint primer

Black Primer for Improving the Adhesion of Direct Glazing Adhesive/Sealants on Glass and Ceramic Coated Glass

Base: Polyurethane

Product Description

PT 725 PLUS glass-paint primer is a black, thin liquid, solvent-containing primer on a basis of polyurethane. The product is notable for its good covering properties, UV stability and high initial strength; it is free from chlorinated hydrocarbons and aromatic solvents.

Application Areas

PT 725 PLUS glass-paint primer is used as an adhesion promoter on glass and ceramic coated glass for direct glazing with polyurethane-based 1K adhesive/sealants, like PT 200 PLUS FC, PT 230 PLUS FC/HM, PT 290 PLUS HM/LC, PT 300 PLUS HOT HM/LC, PT COLD PLUS HV/HM/LC.

PT 725 PLUS glass-paint primer is also suitable for improving the adhesion of polyurethane adhesive/sealants on various paints, plastics and metals (trials are recommended).

Technical Data

Colour:	black
Odour:	smells of solvents
Consistency:	thin liquid
Density:	approx. 0.98 g/cm ³
Solids:	approx. 38 %
Flow time according to DIN 53211:	approx 12 s
Temperature:	20 °C
Nozzle:	4 mm Ø
Preferred coating thickness:	50 µm wet
Drying time:	15 minutes minimum at standard climate (DIN 50014)
Primer activity:	after application up to 8 hours
Application temperature:	5 °C to 25 °C
In service temperature range:	-40 °C to 90 °C
Short exposure (up to 1 h):	120 °C

Preliminary statement

Prior to application it is necessary to read the **Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labelling, the relevant precautions should always be observed.

1. Cleaning

The surfaces to be coated must be dry, free from oil, dust, grease and other components or residues which would adversely affect adhesion.

2. Preparation

Prior to use, shake the aluminium bottle vigorously by hand for at least 1 minutes. A steel ball is provided in the bottle to assist mixing. This should move freely after three to four shakes.

To prevent any sedimentation, the bottle should be shaken for a short time prior to each further use.

3. Processing

PT 725 PLUS glass-paint primer may be applied thinly and evenly with a felt applicator or applicator. Uneven application can considerably lengthen flash-off times and may lead to undesirable inclusions of solvent if flash-off times are insufficient.

Important

As PT 725 PLUS glass-paint primer is a reactive, solvent-based product, the original bottle should be closed immediately after usage. Small containers should be discarded.

Our experience leads us to make the following recommendations:

- primer bottles must be closed tightly immediately after use
- any primer which is obviously thickened is spoiled and must not be used.

Storage

Frost-sensitive:	No
Recommended storage temperature:	15 °C to 25 °C
Shelf life:	12 months in original packaging

Container/packaging units

PT 725 PLUS glass-paint primer is supplied in 30 ml, as well as in 100 ml and 250 ml single containers/aluminium bottles.

One case contains 12 individual bottles à 30 ml or 250 ml or 10 individual bottles à 100 ml.

Hazard Indications/ Safety Recommendations/ Transport Regulations

see Safety Data Sheet

This Technical Data Sheet supersedes all previous editions.

Disclaimer

Note:

The above information, in particular the suggestions for processing and use of our products, is based on our knowledge and experience in standard cases. To ensure that the above information in the technical data sheets can be complied with and the respective product used or processed properly, the products need to be stored correctly. In addition, the above information reflects our state of knowledge at the time of printing this note. We are constantly striving to improve our products, and as such reserve the right to make changes to product specifications and processing instructions. The most current technical data sheet at the time of processing/application shall apply. The user must therefore always check the suitability of the products for the intended application and obtain advance information of any changes to the product specifications at PMA/TOOLS. We would like to point out the following: In particular where our products are processed and used without observing the product specification and without complying with the current processing instructions, there will be no warranty for the processed or used product unless the customer (who processed the product) can prove that an alleged defect of the product was already present (i.e. independent of processing or use) when the risk passed from us to him as the customer. Due to the different materials, substrates and different working conditions when processing or using the product, no liability for any working results will be accepted in other regards, except where that we have provided an express assurance for a working result. We would like to point out that any such additional assurance would have to be presented and, if necessary, proved by the party relying on it, i.e. by the party asserting a warranty. In all other respects, our general terms and conditions apply.