

Terostat 8521



Black Primer for Improving the Adhesion of
Direct Glazing Adhesive/Sealants
on Painted Substrates

Base: Polyurethane

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Product Description

Terostat 8521 is a black, thin liquid, solvent-containing primer on a basis of polyurethane. The product is notable for its good covering properties; it is free from chlorinated hydrocarbons and aromatic solvents.

Application Areas

Terostat 8521 is used as an adhesion promoter on painted surfaces for direct glazing with polyurethane-based 1K or 2K adhesive/sealants, like Terostat 8590, 8593, 8690, 8890. This primer is also suitable for improving the adhesion of other polyurethane adhesive/sealants on painted substrates and plastics (trials are recommended).

Technical Data

Colour:	black
Odour:	smells of ketones
Consistency:	thin liquid
Density:	approx. 0.97 g/cm ³
Solids:	approx. 30 %
Flow time according to DIN 53211:	approx. 12 s
Temperature:	20°C
Nozzle:	4 mm Ø
Preferred coating thickness:	50 µm wet
Drying time:	0.5 to 10 min. (dependent on thickness applied)
Primer activity:	up to 6 hrs
Application temperature:	15°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. If necessary the surfaces may be cleaned with cleaner Terostat 8550.

2. Preparation

Prior to use, shake the aluminium bottle vigorously by hand for at least 2 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. It is also possible to mount the bottle after shaking on a vibrator unit. Inclined mounting has been found to be suitable.

3. Application

Terostat 8521 may be applied thinly and evenly with the felt applicator, with a brush or by spray. Uneven application can considerably lengthen flash-off times and may lead to undesirable inclusions of solvent if flash-off times are insufficient. A second application on the same point should be avoided, as partially-dried primer will be softened again which can adversely affect both adhesion and appearance.

Important:

As Terostat 8521 is a reactive, solvent-based product, it should never be applied directly from the 500 ml bottle. Instead it should always be poured into small containers; the entire contents should preferably be poured into several containers with airtight seals immediately after shaking. Our experience leads us to make the following recommendations:

- primer bottles which have remained open for more than 2 hours should not be used any further
- if a bottle has been opened more than 10 times, it should not be used any further
- 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	6 months in original packaging

Packaging

Aluminium bottle	100 ml
Aluminium bottle	250 ml
Aluminium bottle	500 ml

Hazard Indications/ Safety Recommendations/ Transport Regulations	see Safety Data Sheet
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Important

The data above, particularly the recommendations for application and use of our products is based on our knowledge and experience. Due to different materials and conditions of application which are beyond our knowledge and control we strongly recommend carrying out sufficient tests in order to ensure that our products are suitable for the intended process and applications. Except for wilful acts any liability based on such recommendations or any oral advice is hereby expressly excluded.

This Technical Data Sheet supersedes all previous editions.

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