

# Terostat-8510

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

Basis: Polyurethane

Status: 2003-02-21

## Product Description

Terostat-8510 is a black, thin liquid solvent-containing primer on a basis of polyurethane. The product is notable for its good covering properties and UV stability; it is free from chlorinated hydrocarbons and aromatic compounds.

## Application Areas

Terostat-8510 is used as an adhesion promoter on glass and ceramic coated glass for direct glazing with polyurethane-based 1K or 2K adhesive/sealant, like Terostat-8590, Terostat-8597, Terostat-8599, Terostat-8499 HMLC and other polyurethane-based adhesive/sealants. This primer is also suitable for improving the adhesion of polyurethane-based adhesive/sealants on glass, various plastics and metals (tests before use are recommended).

## Technical Data

Colour:	black
Odour:	smells of acetic ester
Consistency:	thin liquid
Density:	approx. 1.05 g/cm <sup>3</sup>
Solids:	approx. 39 %
Flow time according to DIN 53211:	approx. 12 s
Temperature:	20°C
Nozzle:	4 mm Ø
Preferred coating thickness:	50 µm wet
Drying time:	approx. 15 min
Primer activity:	up to 6 hrs after application
Application temperature:	15°C to 25°C
In service temperature range:	-40°C to 90°C
Short exposure (up to 3 hr.):	120°C

## Preliminary remark

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 labeling, 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-FL or with cleaner enclosed the set.

## 2. Preparation

Prior to use, shake the aluminium flask 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.

### 3. Application

Terostat-8510 may be applied thinly and evenly with the applicator ( wool dauber) or with a brush. 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 at the same area should be avoided, as partially-dried primer will be softened again which can adversely affect both adhesion and appearance.

#### **Important:**

As Terostat-8510 is a reactive, solvent-based product, the bottle should always be closed immediately after application to avoid undesirable reactions. Our experience leads us to make the following recommendations:

- any primer which is obviously thickened is spoiled and must not be used.
- primer bottles, once opened and closed, should be used within two weeks

#### **Storage**

Frost-sensitive	no
Recommended storage temp.	15°C to 25°C
Shelf-life	
Aluminium bottle 100 ml	12 months in original packing
Aluminium bottle 25 ml	18 months in original packing

#### **Packaging**

Aluminium bottle	25 ml	Art.-No. 125.83 C (D/GB/F/NL) IDH-No. 149995
Aluminium bottle	100 ml	Art.-No. 135.17 S (D/GB/F/NL/S/SF/DK/N) IDH-No. 150046
Aluminium bottle	25 ml	Art.-No. 181.55 J (S/SF/DK/N)
Aluminium bottle	25 ml	Art.-No. 181.54 H (E/P/I/GR) IDH-No. 211880

#### **Hazard Indications/**

#### **Safety Recommendations/**

#### **Transport Regulations**

see Safety Data Sheet

#### **Important**

The above data, particularly the recommendations for application and use of our products are based on our knowledge and experience. Due to different materials and conditions of application which are beyond our knowledge and control we recommend strongly to carry out sufficient tests in order to ensure that our products are suitable for the intended processes 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.**

---

#### **Germany:**

**Henkel KGaA**  
**D-40191 Düsseldorf**  
**Telefon (06221) 704-0**  
**Telefax (06221) 704-698**

#### **UK:**

**Henkel Loctite Adhesives Ltd.**  
**Watchmead**  
**Welwyn Garden City**  
**Herfordshire AL 7 1 JB**  
**Telephone (01707) 35 88 00**  
**Telefax (01707) 35 89 00**