



# TOTALSEAL 180

## DESCRIPTION

TOTALSEAL 180 is a single part, polyurethane based sealant. It requires no mixing before application and, when applied, cures very fast.

## USE

TOTALSEAL 180 is specifically designed for very quick replacement of windscreens.

**The use of TOTALSEAL 180 makes possible one hour\* drive away time with two airbags.**

\* Providing the ambient temperature is at least 23 °C and relative humidity 50 %. At lower temperatures and humidities drive away time will be longer

## TECHNICAL CHARACTERISTICS TYPICAL VALUES

### PHYSICAL FORM :

Extrudable and thixotropic black paste

DENSITY : Approx. 1,2

FLASH POINT : > 70 °C

SOLIDS CONTENT : Approximately 98 %

### VISCOSITY :

Extrusion rate at 23 °C diam. 5 mm under 4 bars

### 3 VERSIONS :

TOTALSEAL 180 80 g / min approx.

TOTALSEAL 180LV 200 g / min approx.

TOTALSEAL 180 HV 40 g / min approx.

### OPEN TIME BEFORE ASSEMBLING :

5 mn

## LEJOINT FRANCAIS

### Sealants, Adhesives and Coatings Division

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Member of ATOFINA (TOTAL group)

## APPLICATION

### GLASS PREPARATION (New screen)

1. Ensure the surface of the glass is clean and dry. Use a clean dry cotton cloth, wet it with TOTALSEAL 7016, rub the surface of the glass to be treated, leaving a very thin film. Then clean the surface with a dry and clean cloth and allow to dry for a minimum of 3 minutes.
2. Primer should be applied within 4 hours of cleaning, or a further wipe-on, wipe-off application of TOTALSEAL 7016 will be required.  
Thoroughly shake the bottle of TOTALSEAL 5008 or 5028 Primer, and apply using a brush or wired felt to the cleaned area in a continuous flowing movement. Allow to dry for at least five minutes, and apply the sealant within three hours.  
If the drying time of the TOTALSEAL5008, or TOTALSEAL 5028 exceeds 3 hours, you must reactivate with Totalseal 7016 as described point 1

### PREPARATION OF THE BODY

TOTALSEAL 180 can be applied directly to freshly cut black polyurethane.

**BE CAREFUL: TOTALSEAL 5028 must not be applied on old sealant.**

A primer may be necessary on some types of paints or on areas scratched or damaged during the removal of the old screen. In this case use TOTALSEAL 5025, which could be used on old polyurethane and must be used if the type of sealant used before is not known. Thoroughly shake the bottle of TOTALSEAL 5025 and apply by brush to the areas needing treatment. Leave to dry for 5 to 60 minutes before applying TOTALSEAL 180.

### TECHNICAL CHARACTERISTICS TYPICAL VALUES

**TENSILE SHEAR STRENGTH : 5 Mpa**

**TENSILE STRENGTH : 10 Mpa**

**ELONGATION AT BREAK : 400 %**

**SHORE A HARDNESS : 58**

**CURING AT 23 °C, 50 % H.R.**

- Take free time : 15 mn
- After 5 hours : 1,6 mm

### SEALANT APPLICATION.

Apply TOTALSEAL 180 to the glass or the vehicle body using a suitable extrusion gun. The screen should be placed in position immediately after the sealant is applied.



## **PACKAGING**

TOTALSEAL 180 is filled in 310 ml cartridges, 400 or 600 ml sausages and 18 l drums (only for HV version).

## **SHELF LIFE**

From date of manufacture in its original unopened packaging at temperatures between +5° to +30°C:

Cartridges: 12 months

Sausages: 9 months

TS 180 HV in 18 L drums: 6 months.

## **HEALTH and SAFETY**

Please read our Safety Data Sheet

## GUARANTEE

We guarantee our supplies against hidden manufacturing and materials defects. Our responsibility is limited to the obligation to rectify or replace, free of charge products that have been recognised to be defective, without ever accepting indemnity claims, for whatever reason.

For instance, the advice we give for specific choices of materials or application methods is only information based on previous experience, which should not be considered as exhaustive and which does not engage our responsibility in case of failure.

Our technical guidelines are there to give some information on the ideal and theoretical conditions of use of our products. As we do not and cannot be expected to know all of the applications our products are used in, it is up to the customer to accept our choice of application by checking with all means he deems necessary, that the products are suitable.

Neither our Company, nor its associates will be held responsible for personal or material damage, whatever it may be, resulting from a defective or erroneous use of our products, or resulting from them not being used in advance with our guidelines.

Any special commitment, any impairment to the above mentioned clauses, and more generally to the guarantee clause of our general sales conditions, written on the back of our order forms and acknowledgements, must be agreed in writing and signed by our management, to be valid.

