



Technical Data Sheet

Terostat 9320



Elastic, sprayable and brushable
Seam Sealant

Base: MS[®]-Polymer

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Product Description

Terostat 9320 is a sprayable seam sealant based on MS[®]-polymer, which cures by reaction with moisture to an elastic, abrasion resistant product. The skin formation and curing times are dependent on humidity and temperature, and the curing time also depends on joint depth. By increasing the temperature and moisture these times can be reduced; low temperature as well as low moisture retard the process.

Terostat 9320 displays the following properties:

- repaired seams have the same appearance as the original
- free of isocyanate, silicone and PVC
- good adhesion to metals, primers and top coats
- good paint compatibility, also to alcohol containing paints
- sag resistant
- sprayable and brushable
- reactive drying
- fast through curing
- UV resistant
- high ageing resistance

In addition, the material possesses modest sound damping properties.

Application Areas

Terostat 9320 is particularly recommended for the sealing of automobile seams in the repair shop in the areas of:

- engine compartment
- boot
- passenger cabin.

The structure of all original seams can be simulated by the use of the Telescope Pistol Multi-Press air assisted spray pistol.

Terostat 9320 can also be used on larger areas to repair or substitute PVC based underbody or stone chip protection coatings.

Technical Data

Colour:	grey, ocher, black
Odour:	barely perceptible
Density:	approx. 1.6 g/cm ³
Sag resistance:	very good
Consistency:	paste
Curing mechanism:	moisture curing
Skin formation time:	10 - 20 min.
(DIN 50014 standard climate:	23°C, 50 % rh)
Cure rate:	after 24 h: approx. 4 mm
	after 48 h: approx. 6 mm
(DIN 50014 standard climate:	23°C, 50 % rh)
Shore-A-hardness (DIN 53505):	approx. 65
Application temperature:	5°C to 35°C

Paint compatibility:	can be painted wet in wet with car repair paints
Adhesion:	good adhesion to sheet metal (in degreased untreated, galvanized, EC or top-coat painted condition, including metallic paints), PVC underbody coating, polyester, PP/EPDM (trials are recommended)
Chemical resistance:	resistant to light, PVC plasticizers and (short term) to petrol
In service temperature range:	- 40°C to 90°C *
Short exposure (up to 3 hrs.):	130°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 labeling, the relevant precautions should always be observed.

Pretreatment

The adherents must be clean, dry, oil and grease free. Teroson FL is suitable for cleaning.

The adhesion of Terostat 9320 is increased by roughening the contact surfaces with abrasive paper or textiles.

Application

Terostat 9320 Multi-functional Sealant "4 in 1" supplied in 300 ml cartridges should be applied using a Telescopic Multi-Press gun. With this gun Terostat 9320 can be applied either as a bead or by spraying with a dual-circuit compressed air system.

Terostat 9320 Multi-functional Sealant "4 in 1" is both sprayable and brushable, allowing seam structures and brush textures to be recreated. Seams applied with Terostat 9320 can be oversprayed after only 15-30 minutes.

If earlier paint-spraying is required, Terostat 9120 can be used, which is highly compatible with Terostat 9320 Multi-functional Sealant "4 in 1".

The gun can be adjusted to allow quick and easy recreation of nearly all OEM-supplied textures. By varying the spraying the distance it is also possible to control the seam width and edges. Handling and setting details can be found in the instructions provided with the gun.

Cleaning

For cleaning application equipment contaminated with uncured Terostat 9320 we recommend the use of Teroson FL. Cured material can only be removed mechanically.

Painting Properties

Terostat 9320 can be painted wet in wet with car repair paints.

Curing is not hindered by an immediate painting but retarded.

Painting should be done within 3 days after application of the sealant.

Beginning with the fourth day Terokal 150 should be applied before painting to get a optimum adhesion.

Accelerated drying after painting in a drying oven or under IR by a temperature of 60°C is possible.

Primers

Because of their good characteristics for corrosion resistance and adhesion primers based on phosphate and epoxy resins are the most compatible. Important: primers have to be dry when using Terostat 9320 for sealing and coating.

High viscosity primers

If, after accident repair, those parts to be painted have to be coated with high viscosity primers or similar, these materials should preferably be sprayed before applying Terostat 9320. They should not be applied onto Terostat 9320 because they are not as elastic as the sealant.

If a high viscosity primer has to be sprayed following sealing or coating with Terostat 9320 two things have to be assured: Terostat 9320 should have been applied at least 6 hours before the high viscosity primer which must be suitable for the coating of plastics.

Incompatibility

Terostat 9320 is not compatible with fresh 1K polyurethane materials; they have to be cured prior to coating with Terostat 9320.

Uncured Terostat 9320 may only be coated with Terotex Record 2000 and Terotex HV 200 extra after complete curing.

Terostat 9320 must not be coated with Terotex Super 3000.

Terostat 9320 should not be treated with systems containing aromatic solvents for this may lead to an etching or swelling of the sealant.

Tip based on our practical experience

For filling deep joints we recommend Terostat 9120 (Art.-No. 102.78 X, IDH 252257) which shows excellent compatibility with Terostat 9320.

Storage

Frost-sensitive	no
Recommended storage temperature	10°C to 25°C
Shelf-life	12 months

Packaging

Cartridge	300 ml (grey)	Art.-No. 195.78 F (D/GB/F/NL) IDH 268272
Cartridge	300 ml (black)	Art.-No.113.24 J (D/GB/F/NL) IDH 105461
Cartridge	300 ml (ocher)	Art.-No. 139.17C IDH 272232
Accessories		
Telescope Pistol Multi-Press		Art.-No. 195.51 B IDH 142241

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

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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