

General handling recommendations for products from Trelleborg Sealing Profiles (TSP)

Trelleborg Sealing Profiles offer customers products in polymeric material with several properties and treatment. Below guidelines is recommended to followed for reaching the best experience and functions of Trelleborg Sealing Profiles products.

Transport handling:

Handle the packaging material with care. Do not damage, wet, perforate, etc. the packaging material.

Products shall always be protected from moisture, dust, too high or low temperatures, direct sunlight, etc. during transport & storage.

Avoid contact with solvents, paint, grease, oil, wax, alkali, sealing or curing compounds and any other unknown material which could affect the packaging material or the products.

The products must be kept in their original packaging during transport and until being fitted.

Damaged packaging material and or products must be reported to TSP within 5 working days after arrival.

Damage due to over stacking of boxes at customers site will not accepted as a claim.

Storage conditions:

All storage of TSP products shall be according to e.g. STD SS-ISO2230DIN EN ISO 8331
General storage demands are that TSP-products shall be kept in:

- a temperature range between 10-25°C
- at a max humidity of 50%
- a ventilated storage space
- protected from moisture, dust, too high or low temperatures, direct sunlight, etc

Products shall be fitted within:

- 2 months after manufacturing date, for products treated with glycerin (After 2 months mounting force can be affected)
- 6 months after manufacturing date, for products treated with silicone

Material should not be stored longer than:

- 10 years for black EPDM
- 10 years for silicon
- 5 years for colored EPDM
- 3 years for NR/SBR
- 2 years for TPE
- 12 months for Laminated products

After production date unless otherwise agreed. Secure the traceability of the TSP products in the storage space and use FIFO procedure. Do not stack a higher number of packages than agreed on.

Chloroprene rubber (CR) may crystalize and harden during long time storage at temperatures below 10°C, although it will become less stiff and soften again when heating up the material (max 85° in around 2 hours depending on size and shape, lower temperature increases the time).

Fitting:

When opening the transport and or packaging material, do not use any sharp tools which can damage the product.

If vacuum impregnated material is used observe that it must be properly dried before the assembly of the product.

Use gloves when touching or handling all our products.

TSP products and adhesives must be kept in room temperature for 48 hours prior to fitting. Room temperature must be maintained between 18° and 30°C (65° and 85°F) The fitting should be carried out within the above mentioned temperature range. The adhesive will reach full strength after 48 hours after fitting. The adhesive is to be considered as a mounting aid if nothing else agreed.

When fitting is done in an environment exposed to intense light or direct sunlight, the product must be protected during the conditioning, fitting and adhesive curing periods by covering of the light.

Fitting instructions for the products must be established and followed.

Do not use any sharp tools which can damage the product during the fitting.

All surfaces, where the products are to be fitted, must be clean, smooth, flat and dry. The surface must be free of all dust, loose particles, solvents, paint, grease, oil, wax, alkali, sealing or curing compounds, old adhesive and any other unknown material which could have affect on the fitting.

Assure that the product does not get in contact with solvents, paint, grease, oil, wax, alkali, sealing or curing compounds or any other unknown material which could affect the product during the fitting. Ensure that assemblage tools or assemblage machines are used in accordance with their manuals.

Do not fit the product when being contorted. Do not fit the product with too high or low tension. Do not fit the production being compressed over the nominal value. In general, the products shall be cut with oversize to compensate for shrinkage.

If the product is cut and or spliced it is the responsibility of the customer to assure that the mounted surface is smooth. Irregularities in the mounted surface can affect the functional properties.

During the fitting the product should be inspected to avoid that products with visible defects are installed.

Secure the traceability of fitted TSP products.

Product maintenance (Product life cycle):

The visible part of the surface of the product shall be cleaned minimum every 6th month (e.g. in connection with window-cleaning, etc)

When cleaning, use a lukewarm soap and water mixture or a 1.5% sodium bicarbonate solution, some dilute alcohol solution can be use when the surface is very dirty. Apply the solution on the product using a sponge or cloth; wipe the wet product with a clean soft cloth.

When cleaning, do not use any sharp edged objects or tools e.g. wire brushes, emery paper, etc. and do not use any kind of strong solvents as white spirit, acetone, etc.

Special requirements, like to have a more "glossy" surface, use products for treatment of rubber products, e.g. sold by traders in spare parts for cars. These surface treatment products should be used in accordance with the information from the respective agent.

Defective products :

Received products should be checked immediately upon arrival. Identified defects or errors shall reported without delays when noted. Reported defects should be traceable to a production date or batch for simplifying the root cause and claim investigation.

Claims older than 12 months from delivery will not be accepted if no other agreement are in place.

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