

# SEAL – FLEX ADHESIVE SEALANT

## PRODUCT DESCRIPTION:

Aerobolt SEAL - FLEX is a high quality single component fully elastic Polyurethane sealant. For use in construction, automotive, marine and aerospace areas where a tough flexible rubber sealant is required.

## CHARACTERISTICS

Very strong primerless bond on aluminium, stainless steel, epoxy coatings, Polyester, GRP and many other substrates (Do not use on glass, PVC, PE, PP, PTFE)

Permanently elastic after cure

Paintable with many different types of paints\*

Can be sanded

## APPLICATION EXAMPLES

Sealing and bonding in the truck body building industry

Sealing and bonding in the automotive industry

Sealing and bonding in the building industry

Sealing of floor joints

Bonding of vibrating components

Connection joints in sheet metal fabrication

Paintable gap filler and sealant

## COLOURS :

White ; Black ; Grey ; Other colours on request

## PACKAGING :

310 ml cartridge ; 310 ml foil pack ; 600 ml foil pack

## SHELF LIFE :

9 months in unopened packaging in a dry and cool storage place at temperatures between +5 °C and + 25 °C. Do not expose to frost and temperatures above 40°C

# SEAL – FLEX ADHESIVE SEALANT

## TECHNICAL DATA

<b>Base :</b>	Polyurethane
<b>Consistency :</b>	Thixotropic paste
<b>Curing System :</b>	Moisture cure
<b>Skin Formation * :</b>	Approx. 10 – 15 minutes
<b>Curing Rate * :</b>	3 mm/24 hours
<b>Hardness :</b>	40 +/- 5 Shore A
<b>Specific Gravity :</b>	1.26 +/- 0.02
<b>Temperature Resistance :</b>	-30 °C to +90 °C
<b>Elongation at Break :</b>	>600%
<b>Elasticity Modulus 100% :</b>	>0.6 N/mm <sup>2</sup> (DIN 53504)
<b>Elastical Recovery :</b>	>80 %
<b>Breaking strength :</b>	1.6 N/mm <sup>2</sup> (DIN 53504)

## INSTRUCTIONS FOR USE

<b>Surface preparation:</b>	Clean, free of dust and grease.
<b>Priming:</b>	For porous surfaces Primer 100 may be applied. Non porous substrates abraded and cleaned with Aerobolt cleaner.

### We recommend preliminary adhesion tests

<b>Application Method :</b>	Manual or pneumatic caulking gun
<b>Application Temperature:</b>	+5 °C to +30 °C
<b>Clean with :</b>	White Spirit immediately after use
<b>Tool with :</b>	Soapy solution before skin formation
<b>Repair with :</b>	SEAL - FLEX

## SEAL – FLEX ADHESIVE SEALANT

### TRANSPORT INFORMATION :

Road :	ADR :	Free
Maritime :	IMDG :	Free
Air :	ICAO/IATA-DGR :	Free
UN Number :		Does not apply

### LABELLING :

Symbol:	n.a.
R-sentences:	n.a.
S-sentences:	n.a.
Contains:	Isocyanates

### SAFETY MEASURES :

Apply the usual industrial hygiene. Work in a well ventilated area.

### PAINTABILITY:

SEAL - FLEX may be overpainted, however due to the large number of paints and varnishes available we strongly suggest a compability test before application. The drying time of alkyd resin based paints may increase. Due to the wide variety of possible substrates, we recommend compatability tests.

### IMPORTANT NOTE:

**SEAL - FLEX can be applied to a wide variety of substrates. Due to the fact that specific substrates such as plastics, polycarbonate etc may differ from manufacturer to manufacturer, we recommend preliminary compatability tests.**

**Remark :** The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended that preliminary experiments be carried out.