

## GPPA600 and PP310

**Rapid hardening elastic sealant and adhesive with excellent high initial tack**

- Good adhesion to many kinds of metals (zinc, aluminium, steel)
- Good resistance to humidity, weathering and temperatures from -40°C to +80°C. For short intervals, resistant up to +120°C.
- Good adhesion to painted and primed surfaces, wood, duroplastics and some thermoplastics (except PE,PP,PTFE) and mineral substrates such as glass

### Technical Data

<b>Base</b>	POP-hybrid polymer, one-component, curing under the influence of humidity	
<b>Colour</b>	black, white, grey	DIN 53 505
<b>Consistency</b>	Paste, useable by spatula, good resistance to sagging	DIN 50 014
<b>Density</b>	1.60 g/cm <sup>3</sup>	NC 23/50-2
<b>Hardness Shore A</b>	55 at layer thickness of 6 mm after 4 weeks	DIN 50 014
<b>Skin formation</b>	10min	NC 23/50-2
<b>Curing speed</b>	3mm (on first day) time is dependent on thickness of layers	DIN 50 014
<b>Reduction of weight</b>	1% (14 d)	NC 23/50-2
<b>Elongation at tear</b>	200% (Nst S3A)	DIN 53 504
<b>Tensile strength</b>	2.3 N/mm <sup>2</sup> (Nst S3A)	DIN 53 504
<b>Shear strength</b>	1.3 N/mm <sup>2</sup> at a layer thickness of 2mm	

### PROCESSING

#### Processing temperature

+5°C to +30°C

#### Preparation

Surfaces have to be dry, clean and free of dust and grease. Adhesion and compatibility must be individually tested when used on plastics or paint. GPPA600 or PP310 can be used on most materials without primer.

#### Bonding

Apply GPPA or PP310 to the substrates using a gun. The thickness of the layer depends on the expected movement within the joint. Insert the material within 10 minutes and press together. The cure time is dependent on thickness of the layer, temperature and air humidity.

#### Sealing

Apply GPPA600 or PP310 using a sealant applicator gun and spread using a spatula. Ensure 2 to 5 bar when using an air pressure gun.

# GPPA600 and PP310

(Continued)

## CLEANING

Clean tools immediately after use. Once cured material can only be removed mechanically.

## SPECIAL NOTES

### Tools

Adhesive applicator or sealant gun.

### Storage

Do not store at temperature above +25°C.

Shelf life for original closed packaging:

Cartridge: 9 months

Sachet: 12 months

Drum: 6 months

### Regulation

Not suitable for glass bonding with constant sunlight on the adhesive surface.

## SAFETY

Please read our Safety-Data-Sheet and the labels of each product before use. Pay particular attention to the directions given in the Dangerous Substance Regulations. Make sure the safety data sheet is readily available as it gives valuable information regarding the safe usage and disposal of the product and what to do in the event of an accident involving the product.

## PACKAGING UNITS

310 ml cartridge

600 ml sachet

300 kg drum

### For safety related data please refer to the safety data sheet

**Please note:** All given data are based on careful examination in our laboratories and our past practical experience. These are non-binding indications. Given the high number of materials appearing on the market and the different methods of use which are beyond our influence and control, we naturally cannot accept any responsibility for the results of your work, also with regard to third party patent rights. We recommend that sufficiently thorough tests be carried out to ascertain whether the product described will meet the requirements of your particular case. Please also note our Terms of Sale, Delivery and Payment. This product information replaces all previous issues.