

## Description

This is a high-performance elastic gap-filling 1-component Silane Terminated Polymer (STP). It is suitable for bonding various materials and in many cases adheres with limited surface preparation.

## Features

- Bonds well to a wide variety of substrates with minimal pre-treatment
- Capable of withstanding dynamic stresses
- Isocyanate- and solvent-free
- Can be painted
- Good ageing and weathering resistance
- Non-corrosive
- Silicone- and PVC-free

## Specifications

Chemical base	: Silane Terminated Polymer
Colour	: White, Black
Cure mechanism	: Moisture-curing
Density (uncured) depending on color	: 1.46 kg/l
Non-sag properties	: Good
Application temperature ambient	: 5°C to 40°C
Skin time	: 40 minutes (23°C / 50% r. h.)
Open time	: 30 minutes
Shrinkage	: 2%
Shore A hardness	: 60
Tensile strength	: 3 MPa
Elongation at break	: 300%
Tear propagation resistance	: 10 N/mm
Tensile lap-shear strength	: 2 MPa
Service temperature	: -50°C to 90°C / 4 hours : 140°C / 1 hour : 150°C
Shelf life cartridge	: 12 months (storage below 25°C)
pail / drum	: 9 months (storage below 25°C)

## Applications

This is suitable for joints that will be subjected to dynamic stresses. Suitable substrate materials are metals, particularly aluminium (including anodised components), sheet steel (including phosphated, chromated and zinc-plated components), ceramic materials and plastics.

## Part Number Table

Description	Part Number
552 Structural Adhesive, Black	552 Black
552 Structural Adhesive, White	552 White

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