



### Packaging:

- Cartridge 290 ml
- Tube 25 ml

### Color:

- White
- Black

## Technical data sheet TDS 04.40DEU SAURUS HIGH TACK

### Product:

Modern single-component adhesive, based on MS polymer with immediate fixation and extremely high initial tack of up to 500 kg/m<sup>2</sup>. Specially developed for gluing without securing the joints – immediately holds. Cured using the vulcanization of air moisture, creating a high-strength, elastic joint.

### Properties:

- Immediate tack up to 500 kg/m<sup>2</sup>
- High final strength of 22 kg/cm<sup>2</sup> (220 000 kg/m<sup>2</sup>)
- High modular, quick curing, odorless
- High tack to the substrate – even on moist substrates
- Permanently flexible, resistant to moisture and water (waterproof joint), weatherproof
- Contains no isocyanates, solvents, phthalates or silicone
- Paintable after curing with appropriately dispersed colors (excluding alkyd resins).
- There is no need to secure the glued objects. Joints "hold" without using clamps or braces.

### Usage:

Gluing structural waterproof joints in the construction and machinery industries

Gluing in the interiors and exteriors of buildings

Gluing the structural parts of cars, buses, RVs, passenger carriages. Gluing body parts – metal on metal (absorbs vibration)

Gluing stainless steel, aluminum, copper, lead, glass, PS, PUR, PVC, and some types of plastics, concrete, ceramic tile, enamel, mirrors, wood, masonry, drywall, etc.

Gluing treads, window sills, baseboards, facing elements, etc.

### Specifications

Base	-	MS polymer	
Consistency	-	thixotropic paste	
Density	g/ml	1,57	
Temperature resistance	°C	-40 / +95	after curing
Frost resistance	°C	-15	during transportation
Application temperature	°C	+5 / +40	
Application speed	g/min	20	for 3 mm thickness and pressure of 6,3 bar
Skin formation	min.	≈ 10-15	23 °C / 55 % rel. humidity
Curing speed	mm	2-3	24 hours / at 23°C / 55%
Paintability	-	yes	

Expansion capability	%	± 25	
Flow	mm	<2	according to ISO 7390
Ductility	%	335	
	%	250 ± 50	EN ISO 527
Module 100 %	MPa	1,39 (N/mm <sup>2</sup> )	
Tensile strength	MPa	2,20 (N/mm <sup>2</sup> )	according DIN 53 504
Shear strength	MPa	1,41 (N/mm <sup>2</sup> )	EN 1465 to aluminium, laminate
	MPa	≈ 1,95	EN 1465 degreased, galvanized sheet metal
	MPa	≈ 1,75	EN 1465 non-degreased, galvanized sheet metal
Adhesion to the substrate	MPa	1,22 to aluminium, laminate	CSN 73 2577
	MPa	0,25 ± 0,04 to plaster	STN 73 2577 – disruptions in the substrate
	MPa	1,40 ± 0,05 concrete	CSN 73 2577
	MPa	1,30 ± 0,05 wood	CSN 73 2577
	MPa	0,92 ± 0,05 glass	CSN 73 2577
	MPa	0,95 ± 0,05 lacquered wood	CSN 73 2577
Initial shear holding strength	MPa	1,48	EN 1324, article. 7.2 requirement ≥ 1,0 MPa
Shear holding strength after immersion in water	MPa	1,02	EN 1324, article. 7.3 requirement ≥ 0,5 MPa
Shear holding strength after heat aging	MPa	1,12	EN 1324, article 7.4 requirement ≥ 1.0 MPa
Shear holding strength at higher temperature	MPa	1,04	EN 1324, article 7.5 requirement ≥ 1,0 MPa
Slip	mm	0,0	EN 1308 requirement ≤ 0,5
Reaction to fire	-	E	contents of org. subst.<40 %
Hardness according to Shore A (3s)	°	55 ± 3	According to DIN 53 505

### Surface:

Must be clean, solid, with no loose particles of dust, grease or oil.

### Limitations:

Non-suitable surfaces include PE, PP, PC, PMMA, soft plastic, Teflon, asphalt and bituminous substrates. Not suitable for consistent water load and in contact with chlorine.

### Specifications:

Improved dimeric glue with reduced slip – D2T according to EN 12004:2007 + A1:2012

Satisfies loading requirement according to ČSN 73 0035 article 234 – After the probative test (repeated three times under load) there was no breach in the infill of balcony banisters, no damage to its grip on the frame, no loss of usability.

**DISTYK<sup>®</sup>****Instructions:**

Insert the applicator tip and apply the glue using the applicator gun on one side. Apply a reasonable amount according to the weight and size of the glued object. Attach the glued surfaces together and press strongly with slight movement within 10 minutes.

Note: When using the special tip supplied as standard with the product, it is possible to squeeze out about 4 mm from a single pack.

**Caution:**

Before hardening (2-3 mm / 24 hours at 23 °C) do not apply external forces to the glued joint.

**Cleaning:**

Material: immediately technical gasoline.

Hands: water and soap, hand cream.

**Safety:**

See the «Safety Data Sheet No. 04.40DEU».

**Shelf life:**

Dry and unopened packaging 18 months from the date of manufacture, at temperatures from +5°C to +25°C.

**Update:**

Updated on: 30.03.2020

Drawn up on: 15.06.2017

*The product conforms to specifications during the warranty period. The information and data provided are based on our own experience, research and objective testing and we assume that they are reliable and accurate. However, the company cannot know the various applications where and under which conditions the product will be applied, nor the application methods used, therefore under no circumstances warrants beyond the scope of this information as to the suitability of the products for certain uses or use procedures. The above information is of a general nature. Each user is obliged to make sure that they are suitable for their own tests. For further information please contact our technical department.*