



Kisling

Durability and reliability are essential in the manufacturing of busses, trucks, rail- and special vehicles. When selecting suitable adhesives it is important to meet the standards. Standards, such as DIN EN 45545-2 for flammability testing and approval, provide accreditations most material manufacturers aspire to. Selected Kisling products have been tested and have passed this DIN standard.

Excellence in Adhesive, Sealant and Encapsulant Manufacturing

YOUR BENEFITS

- + Process consulting and on-site support
- + Customised product development
- + Application and testing laboratory
- + Inhouse production - Direct Supply
- + Private Label

OUR MARKETS

- + Lightweight Materials | Composites
- + Automotive | Bus, Truck & Rail (BTR)
- + E-Mobility | Electric Motors
- + Electronics
- + Fluid Technology
- + Loudspeaker
- + Maintenance, Repair & Overhaul (MRO)

OUR PRODUCT RANGE

- + Structural (Meth)Acrylate Adhesives
- + Structural Epoxy Adhesives
- + Anaerobic Adhesives
- + Cyanoacrylate Instant Adhesives
- + Silicones
- + Hybrid Polymeres
- + Encapsulants



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Adhesives for Automotive | Bus, Truck & Rail (BTR)



**BONDING +
SEALING +
ENCAPSULATION**



Kisling

MEMBER OF THE WURTH GROUP

BONDING + SEALING + ENCAPSULATION
AUTOMOTIVE | BUS, TRUCK & RAIL (BTR)

Application Areas, Key Products & Success Stories

Application Areas & Key Products



Bus



Truck



Rail



Special Vehicles

EPOXY	ACRYLATE	ANAEROBIC	SILICONE MS POLYMER
<p>7430 grey, high viscosity, high strength, EN45545-2 certified</p>	<p>1665 non-sag, fast curing, high elongation at break</p>	<p>4101 low viscosity, high strength, fluorescent</p>	<p>3120 red, neutral cure, temperature range up to +315°</p>
<p>7440 black, pasty, high temperature resistance, EN45545-2 certified</p>	<p>1675 non-sag, fast strength build-up, low odour, EN45545-2 certified</p>	<p>4207 universal, medium strength, DVGW & NSF certified</p>	<p>6205 black, pasty, high flexibility</p>
<p>7490 black, pasty, high temperature resistance, impact resistant, EN45545-2 certified</p>	<p>1680 non-sag, medium cure speed, fast strength build-up, very low odour, EN45545-2 certified</p>	<p>4453 fast curing, temperature resistant, high strength, DVGW & NSF certified</p>	

Success Stories & Customer Benefits



Project: Bus - Bonding of Front End Module (GFRP-Metal)

Product: 1675

Benefit: Gap filling of 10 mm and thixotropic behaviour (no sag) - vertical application of adhesive possible



Project: Railway - Bonding of Front End made of GFRP

Product: 7430

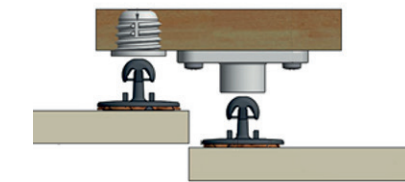
Benefit: Optimal processing time of up to 50 minutes and DIN EN45545-2 certification



Project: Thread Locker

Product: 4101

Benefit: Corrosion resistance and white label adhesives (free of hazard pictograms)



Project: Bonding of Panel Clip (Interior)

Product: 1680

Benefit: Very low odour during processing



Project: Cable bushing (GFRP-Metal)

Product: 7430

Benefit: 30 % faster cure and thus quicker dryness of surface - important for post processing (grinding)

KISLING

+ Manufacturer of adhesives, sealants and encapsulants
+ > 50 employees worldwide
+ > 40 distributors in more than 25 countries

+ Revenue 2020: 20 Mio. CHF
+ > 200 products
+ Swiss-made