



Kisling

Composites are highly demanding in terms of bonding and handling process. It is therefore important to choose the optimal adhesive for your application.

Kisling offers a wide range of suitable adhesives – whether high temperature resistance, long curing time or accelerated curing is required. Kisling will happily support you during your project implementation.

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 Lightweight Materials & Composites



**BONDING +
SEALING +
ENCAPSULATION**

Kisling

MEMBER OF THE WÜRTH GROUP

BONDING + SEALING + ENCAPSULATION
LIGHTWEIGHT MATERIALS | COMPOSITES

Application Areas, Key Products & Success Stories

Application Areas & Key Products



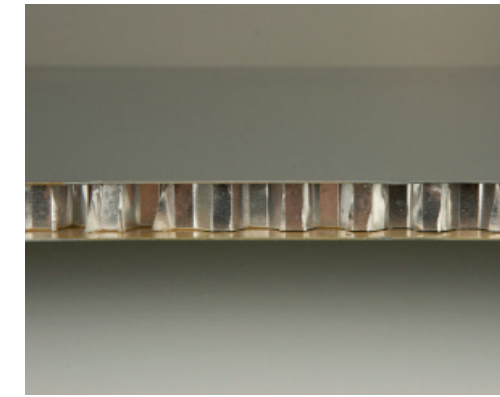
Composite & Composite



Composite & Metal



Composite & Plastic



Sandwich panels

EPOXY

ergo 7430
grey, high viscosity, high strength,
EN45545-2 approved

ergo 7440
black, pasty, high temperature resistance,
EN45545-2 approved

ergo 7490
black, pasty high temperature resistance,
impact resistant, EN45545-2 approved

ACRYLATE

ergo 1665
non-sag, fast curing,
high elongation at break

ergo 1675
non-sag, fast strength build-up, low odour,
EN45545-2 approved

ergo 1680
non-sag, medium cure speed,
fast strength build-up, very low odour,
EN45545-2 approved

Success Stories & Customer Benefits



Project: Plastic holder
(ABS-CFRP)

Product: ergo 1665

Benefit: Fixture time saving of 20%
due to very fast strength build-up of
the adhesive



Project: Golf club
(chrome plated steel-CFRP)

Product: ergo 7420

Benefit: Long open time for correct
alignment (shaft-club head)



Project: Sports car - visible exterior part
(CFRP-CFRP)

Product: ergo 7440

Benefit: Invisible glue line (no BLRT), no
post processing required



Project: Holder on medical device

Product: ergo 1675

Benefit: Inline quality control:
Colour change of adhesive indicates
initial strength



Project: Cable bushing
(GFRP-Metal)

Product: ergo 7430

Benefit: 30 % faster cure and thus
quicker dryness of surface - import-
ant for post processing (polishing)



Project: Sensor bonding in a wind
blade

Product: ergo 1665

Benefit: Fast handling strength and
curing, also at lower temperatures

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