



Kisling AG

**Motorenstrasse 102
CH-8620 Wetzikon**

Telefon +41 (0)58 272 01 01
Telefax +41 (0)58 272 01 03

info@kisling.com
www.kisling.com

TECHNICAL DATA SHEET

ergo® 6530 Hybrid-Polymer

Fast curing, odorless, elastic single-component sealant and adhesive with accelerated initial strength (high tack). Suitable for bonding as well as sealing in carbody-, waggon-, container- and boatbuilding procedures. Also suitable for mechanical engineering and applications in air-conditioners and ventilation technologies.

Bonded metal-sheets may be welded.

Varnishing is possible immediately (wet on wet) with the most of common car varnishes. In addition, ergo® 6530 may be coated with epoxypowder and resists against the burn-in conditions (20 minutes at +200°C)

Universal grade, which may be used, wherever elastic bonding is required.

Good adhesion to clean, dry and grease-free surface, even without Primer

For best results we recommend the use of Primer ergo® 6950 (non absorbing surfaces) or of Primer ergo® 6960 (absorbing surfaces)

Properties of liquid product

Chemical Base	Hybrid-Polymer
Appearance	thixotropic paste
Colour	grey
Density at 23°C	1,48 – 1,52 g/cm ³
Change of Volume acc. to DIN 52451	< 5 %

Typical properties of cured product

Tear Strength (DIN 53504 S2) storage 7 days at 23°C/50%rh	~ 2,0 N/mm ²
Elongation at break (DIN 53504 S2)	~ 450 %
Modulus at 100% elongation and 23°C (DIN 53504 S2) storage 7 days at 23°C/50%rh	~ 1,0 N/mm ²
Shore-A-hardness (DIN 53505) storage 21 days at 23°C/50%rh	49 – 53
Consistency (DIN EN 27390)	non-sagging up to 40mm joints
Skinning time at 23°C/50%rh	5 – 10 minutes



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Elastic recovery (DIN EN 27389) at 100% elongation	> 60 %
Curing progress at 23°C/50%rh	after 24 h : 4,0 mm after 48 h : 5,5 mm
Thermal range	-40°C bis +90°
Working temperature	+5°C bis +40°C
Packaging	cartridges à 310 ml
Storage conditions	cool and dry
Storage stability	12 month in original box
Chemical resistance	good: against water, aliphatic solvents, oil, greases, diluted inorganic acids and alkalines. Perfect weatherability limited: against esters, ketones and aromatics no resistance: against concentrated acids and halogenated hydrocarbons

ergo® 6530 is compatible with paints

Due to the various paints and varnishes on the market, we recommend tests in advance.

Paints, based on alkyd resins may have extended drying time

The varnish should be applied to the sealant within 4 hours.

You get the best results working "wet on wet"

After cleaning with acetone, the sealant can be repainted at any time

WARRANTY INFORMATION - PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that KISLING products are safe, effective, and fully satisfactory for the intended end use. KISLING sole warranty is that the product will meet the KISLING sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. KISLING specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless KISLING provides you with a specific, duly signed endorsement of fitness for use, KISLING disclaims liability for any incidental or consequential damages. Suggestions of uses should not be taken as inducements to infringe any particular patent.