



**Kisling AG**

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## TECHNICAL DATA SHEET

### ergo® 6210/ 6211/ 6215 2K-Hybrid-Polymer

#### Product description

Fast curing, elastic two-component sealant and adhesive.

Suitable for bonding as well as for sealing in car-body-, wagon-, container- and boatbuilding procedures. Also suitable for mechanic engineering and applications in air-conditioners and ventilation technologies.

#### Advantages

- good adhesion to glass, various metals (zinc, aluminium, steel,...), base coats and paint films
- good strength on wood, mineral surfaces and thermoplastics (except PE, PP, PTFE)
- resistant against humidity, outdoor weathering and temperatures between -40°C and +90°C (shortly up to +120°C)
- fast and reliable curing for fast running production

#### Properties of liquid product

Chemical Base	Hybrid-Polymer
Visosity	pasty, spreadable, stable
Colour	ergo® 6210 ergo® 6211 ergo® 6215
	white grey black
Density at 23°C	
ergo® 6210, 6211 und 6215	~ 1,44 g/cm <sup>3</sup>
ergo® hardener 6970	~ 1,41 g/cm <sup>3</sup>
Mixture ratio ergo 62xx : ergo hardener 6970	10:1 (v:v)
Pot life	~ 20 minutes
at 23°C/50%rh	
Weight change acc. to DIN 50014	~ 1 %

#### Properties of cured product

Tenile strength (DIN 53504)	~ 2,6 N/mm <sup>2</sup>
7 days stored at 23°C/50%rh	
Elongation at break (DIN 53504)	~ 450 %
7 days stored at 23°C/50%rh	
Modulus at 100% elongation and 23°C (DIN 53504 S2)	~ 0,9 N/mm <sup>2</sup>
storage 7 days at 23°C/50%rh	
Tear resistance (DIN 53504)	~ 18 N/mm
7 days stored at 23°C/50%rh	
Shore-A-hardness (DIN 53505)	~ 42
28 days stored at 23°C/50%rh	

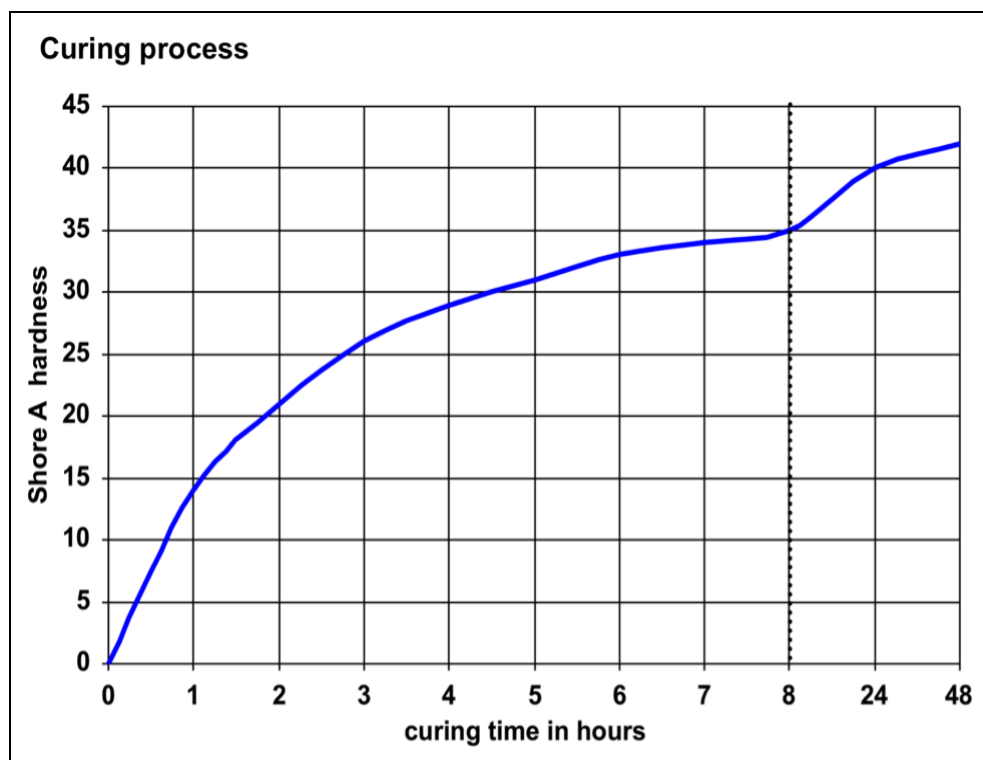


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tested at 25°C

Thermal range  
Working temperature

-40°C up to +90° (shortly up to +120°C)  
between +5°C and +30°C

Packaging  
Storage condition  
Storage stability

double cartridge à 220 ml  
cool (no longer time at > 25°C) an dry  
15 month in closed original containers

## Usage

Good adhesion to clean, dry and grease-free surfaces (cleaned either with **ergo® 9190** or **ergo® 9195**), even without Primer. For best results we recommend the use of Primer ergo® 6950 (non absorbing surfaces) or of Primer ergo® 6960 (absorbing surfaces). Please check the compatibility with varnish and plastic in advance.

Apply ergo® 6210, 6211 or 6215 with a common putty gun.

The needed film-thickness depends on expected forces and relative movements.

Join the parts within 10 minutes and protect them against movement during the curing process is running. The Curing time depends on the room-temperature.

## Safety

Before use, please read label and/or the corresponding MSDS carefully

### 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.



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