

SILIKAL® RI/21 is a quick-hardening, 2-component methacrylic-based adhesive. It was developed specifically for bonding steel to concrete substrates.

### Application

The bond component is mixed thoroughly with 5 % pbw. of hardening powder and applied on the substrate to be bonded to a thickness of 1 – 2 mm. The metal side to be bonded should be roughed and free of grease and dust.

### Characteristics of RI/21 as delivered

Consistency	Pourable and spreadable, thixotropic
Density at +20 °C	1.2 g/cm <sup>3</sup>
Viscosity at +25 °C	40 – 60 Poise
Added hardener	5 % pbw.

### Characteristics of RI/21 in the hardened state

Temperature	Pot life	Hardening time	Tensile strength of 20 N/mm <sup>2</sup>
-10 °C	approx. 13 min.	approx. 60 min.	after approx. 4 hours
0 °C	approx. 9 min.	approx. 45 min.	after approx. 2 hours
+10 °C	approx. 7 min.	approx. 30 min.	after approx. 2 hours
+20 °C	approx. 5 min.	approx. 20 min.	after approx. 1 hour



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### Silikal GmbH & Co. KG

✉ Ostring 23  
☎ +49 (0) 61 82 / 92 35-0  
🌐 www.silikal.de

D-63533 Mainhausen  
☎ +49 (0) 61 82 / 92 35-40  
@ mail@silikal.de

### Silikal product information

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Data sheet SILIKAL® RI/21

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