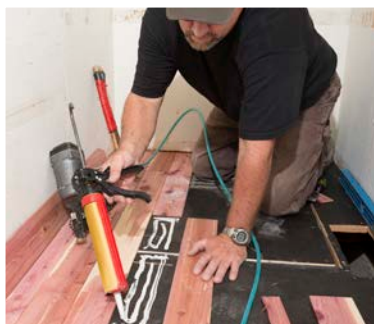


Jowat® 2K SE polymers



Application on sanded or smooth surfaces

Pasty or fluid for bead or full-surface application

Self-curing system, independent of humidity and moisture Joint-filling and non-foaming

Permanently flexible joint

Heat and aging resistant Underwater bonding possible

Free of isocyanates and solvents



Assembly adhesive for (almost) all uses

Jowat® SE polymers are two-component adhesive systems, which build a bridge between the powerful epoxy resins and the MS polymers with excellent adhesion properties.

The full strength of this adhesive system is shown especially when difficult to adhere to surfaces must be bonded that are exposed to high stress. Due to the permanent elastic characteristics of the adhesive, these systems also reliably join substrates with different elasticity coefficients.

Jowat® SE polymers are free of isocyanates and solvents.

Bondings with Jowat® SE polymers are aging resistant and can withstand permanent temperatures of up to 140 °C. Short exposure to higher temperatures, as it may occur for instance during heat curing of powder coatings, is no problem. When completely cured, the adhesive can be coated without any additional treatment. For small applications, the product is applied manually from two-component cartridges with a static mixer, and for industrial applications from two-component mixing units. If necessary, the two components can also be mixed manually by thorough stirring.

Due to the extreme bond strength and excellent adhesion of Jowat® SE polymers, they are reliable general-purpose products for manual and industrial assembly processes.



INFO: 2K SE polymers

The unique hybrid system provides the advantages of elastic silane terminated polymers (MS polymers) with the high strength of epoxy resins. 2K SE polymers are chemically crosslinking without the formation of bubbles. Since crosslinking does not require water, the adhesive layer can be as thick as necessary. The product is processed within a given pot life. Deviations from the optimal mixing ratio by up to 15 % do not affect the bonding property of the adhesive. Excellent adhesion on metal, plastics, wood, concrete and mineral substrates, plus the joint-filling properties of SE polymers make them perfect adhesives for assembly operations with numerous applications. 2K SE polymers are free of isocyanates, solvents, plasticisers and silicones.

Information



Application

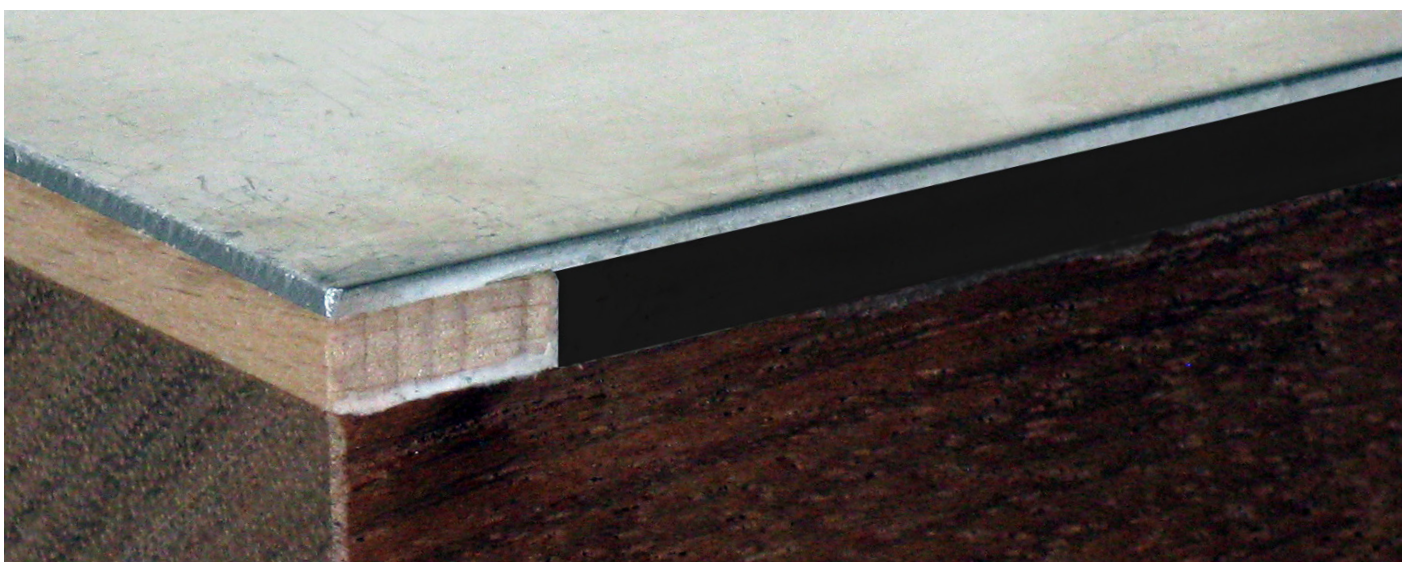
For flexible bonding, as well as for sealing seams and as casting compound. Good adhesion on plastics, metals, rubber materials, wood, glass, concrete and mineral substrates. Perfect assembly adhesive with numerous applications, also on non-absorbent surfaces. The joint remains elastic and can absorb tensile forces and vibrations. The adhesive already contains all necessary components. Preliminary customer testing is absolutely necessary.

Directions for use

In general, application to one surface will be sufficient. Both substrates have to be fixed for approx. 2 hours at room temperature. Increasing the temperature to max. 70 °C will reduce the curing time. Curing is bubble-free and without reaction shrinkage. Complete cure within a week at room temperature, independent of the adhesive application thickness. The surfaces to be bonded have to be clean, dry and grease-free. Slight sanding will be advantageous for the bond strength.

Application is carried out using a two-component cartridge with a static mixer (at least 18 to 24 elements). A suitable type of gun would be a squeezeout piston type for cartridges, which can be operated manually or by electronic controls. We do not recommend using guns operating with compressed air, since the air jet exerts uncontrolled pressure on both chambers, and this may prevent a homogeneous mixing result. Larger quantities can also be mixed homogeneously in a clean container and then applied with a toothed spatula within the pot life (approx. 25 to 30 minutes).

	Jowat® 690.00	Jowat® 690.20	Jowat® 691.45
Appearance	blackish-grey	blackish-grey	blackish-grey
Viscosity [mPas]	approx. 50,000	approx. 50,000	thixotropic
Processing time [min]	approx. 25 - 30	approx. 4 - 8	approx. 20 - 50



Jowat | Ihr Partner in Sachen Kleben

Jowat | Your Partner in bonding



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Jowat – Kleben erster Klasse
Jowat – first class bonding

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