



Easy-Mix Epoxy Adhesives

Mixing and Dosing Systems



Easy-Mix Epoxy Adhesives

WEICON Easy-Mix Epoxy Adhesives are 2-component products and provide an extremely high adhesive strength.

They harden to form a tough elastic joint of high tensile and impact strength. The ideal adhesive in construction, assembly and repair.



WEICON Easy-Mix Epoxy Adhesives bond almost all materials such as:

- metals
- glass
- stone
- ceramics, wood
- and many rigid plastics.



Two types of different working and cure time are available:

- WEICON Easy-Mix S is transparent and fast curing (working time abt. 5 min.)
- WEICON Easy-Mix N is of yellowish colour with a slower cure time (working time abt. 45 min.)

The cured adhesives do not shrink and are resistant against most chemicals. Optimum results will be achieved on degreased and clean surfaces which should be roughened, if required.

The influence of heat accelerates the hardening process. But even at temperatures around +5°C the adhesives will still cure though the hardening time will be prolonged.

Easy-Mix Mixing and Dosing Systems

These modern mixing and dosing dispensing systems allow WEICON Epoxy Adhesives to be applied trouble-free without manual metering and mixing.

The dispensers guarantee a correct dosing and an accurate bonding result.



WEICON Easy-Mix Mixing and Dosing Systems are widely used in industry, in particular in construction, manufacturing and assembly.

Benefits:

- Mixing and dosing in only one operation
- Mixing and dosing errors are eliminated
- No troublesome mixing by hand
- Application time is reduced
- No loss in material

For application of the adhesives the dispenser systems (H30 and D30/50) as described next are available.

Hand Doser H30



The cartridge is connected to a static mixer and is pushed onto the dispenser. Material can be dispensed accurately by twisting the blue dispensing knob. The H30 is designed to be used with the 30 ml cartridge.

Hand Dispenser D30/50



After connecting the static mixer, either the 30 ml (with adapter) or 50 ml cartridge can be used in this dispenser. Cartridges can easily be exchanged in the dispenser at any time. The D30/50 is especially intended for use in series production.

Epoxy Minute Adhesive Fast-Metal Minute Adhesive



The WEICON Epoxy and Fast-Metal Minute Adhesives are available in practical twin syringe dispensers which automatically ensure the accurate (1:1) mixing ratio. The fast curing adhesives (working time 3-6 minutes) are due to their easy application ideal for bonding in small series and for any quick repairs.

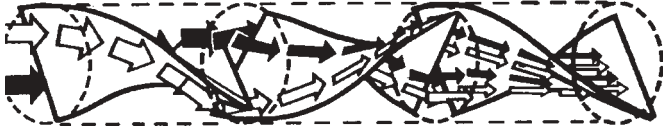
The cured adhesives may be machined, e.g. by grinding, filing and milling.



Product	Easy-Mix S	Easy-Mix N	Epoxy Minute Adhesive	Fast-Metal Minute Adhesive
Colour	transparent	yellowish	transparent	black
Viscosity mPa·s	8.500	7.500	7.000	750.000
Spec. gravity g/cm ³	1,15	1,07	1,10	1,80
Content	30/50 ml	50 ml	24 ml	24 ml
Mixing ratio	1 : 1	1 : 1	1 : 1	1 : 1
Pot life	3-4 minutes	45-60 minutes	3-4 minutes	4-6 minutes
Temperature resistance after 24 hours	-35°C to +80°C	-35°C to +80°C	-35°C to +80°C	-35°C to +145°C
Tensile shear strength to DIN 53283 on steel N/mm ²				
after 15 minutes	1	1	1	1
after 1 hour	10	10	10	10
after 3 days	22	22	22	25
Shelf life (at 18-25°C)	18 months	18 months	18 months	18 months



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