

austropox[®]

**Reactive
epoxy resin
mortar**

austropox[®] SR1





**Areas of application:
From motorways
to distribution centres**

Reactive epoxy resin mortar

Product description:

Rapid-curing, high-strength and optimised epoxy resin mortar system with special additives and a maximum grain size of 1.5 mm. The system is used in a wide variety of areas and includes the required primer. It is particularly suitable for maintaining, renovating and repairing surfaces of all kinds that are subjected to high mechanical loads.

Technical data (ÖNORM EN 13892-2):

austropox® SR1 - Mortar:

Density:	approx.	1.75 kg/ dm ³
Compressive strength:	>	80.0 N/mm ²
Flexural strength:	>	20.0 N/mm ²
Static modulus of elasticity:	<	15,000 N/mm ²
Consumption/m ² :		see density

Minimum layer thickness: can be tapered out to grain size
Maximum layer thickness: 30 cm

Processing time (10°C):	approx.	15 minutes
Processing time (20°C):	approx.	10 minutes
Processing time (30°C):	approx.	5 minutes
Substrate temperature:		> + 0° C
Curing time (20°C):	approx.	1 - 3 hours

Shelf life:	24 months
Available Colours:	black and grey
Container Size:	10.00 kg and 17.50 kg

austropox® SR1 - Primer:

Density:	approx.	1.10 g/ cm ³
Shore hardness:	approx.	87 D
Initial viscosity (20°C):	approx.	300 mPas
Solid content::		100 %
Consumption/m ² :	approx.	0.50 kg

Minimum layer thickness: comprehensive wetting effect
Maximum layer thickness: -

Processing time (10°C):	approx.	15 minutes
Processing time (20°C):	approx.	10 minutes
Processing time (30°C):	approx.	5 minutes
Substrate temperature:		> + 0° C
Mortar application:		immediately – wet on wet

Shelf life:	24 months
Available Colours:	yellowish
Container Size:	1.50 kg

Properties and benefits:

High-strength
Fully resilient after a short time
Suitable for the highest point loads
For indoor and outdoor use
Adheres to many different substrates

Cures very quickly
Impact-resistant
Completely frost-resistant
Completely resistant to de-icing salt
Solvent-free



Application examples:

Industry:

Refurbishing blowouts and defects
Refurbishing spalled edges
Evening out driveways and height differences
Levelling uneven surfaces
Constructing ramps and transitions

Road construction/road maintenance:

Refurbishing kerbs
Refurbishing defects
Refurbishing blowouts
Evening out height differences
Constructing support ribs

Processing instructions:

Requirements:

Clear any loose material off the surface. The surface must be stable, clean, dry and free of dust, oil and other separating substances. It is advisable to define a circumference and then prime the area using austropox® SR1 Primer. Apply the mortar wet on wet immediately after applying the primer. Use masking tape to mask off any areas that should not come into contact with austropox® SR1.

Applying the primer:

Open the carton and pour one black bottle + one red bottle of austropox® SR1 Primer into a mixing vessel and mix for approx. 1 minute until it reaches a homogeneous consistency. As quickly as possible, brush or roll the primer onto the prepared surface. Measure precisely if using partial amounts.

Mixing procedure:

Open the bucket, pour the entire contents of the two bottles into the bucket and mix to a homogeneous consistency for at least 4 minutes using an electric agitator or a suitable compulsory mixer. During the mixing procedure, scrape off any binding agent stuck to the sides of the bucket/mixer using a trowel. It is advisable to decant the material into another vessel at least once during the mixing process. **Do not add any water. The mixing times must be strictly observed.**

Applying the mortar:

Immediately apply the mixed mortar to the prepared surface, distribute it evenly and thoroughly compact and smooth the mortar manually using a smoothing trowel. Ensure that the final surface structure is closed. Remove the masking tape immediately after applying the mortar. Work quickly.

Other:

Occupational health and safety, rain protection, cleaning tools and fillers:

When processing reactive resin mortars, the latest version of the safety data sheets must be observed.

The surface must be protected from rain until it has hardened.

The rain protection must not lie directly on the surface – leave a gap to allow air to circulate.

Clean tools using austropox® cleaner before the compound cures. Once the compound has cured, tools can only be cleaned mechanically.

All fillers are natural products whose colour may vary naturally.



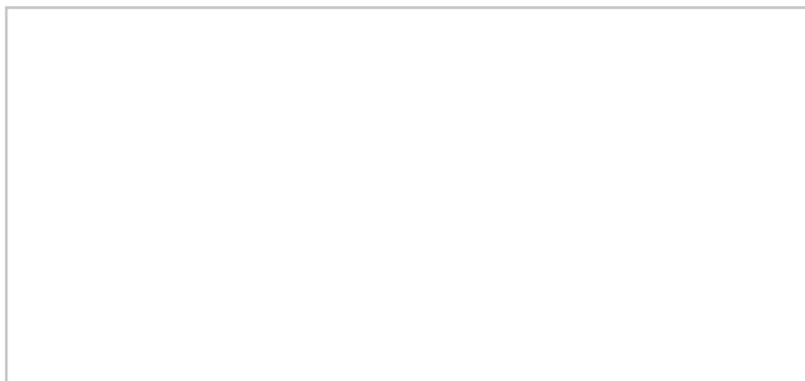
Before renovation



After renovation

■ MADE
■ IN
■ AUSTRIA

In collaboration / cooperation with:



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