

CASTING RESIN 2K SI 60

- > odourless
- > quick hardening
- > solvent-free
- > no mixing tools required



Product description

Universally usable, quick hardening, solvent-free, odourless 2K silicate resin based on water glass PUR with very good adhesive and final strengths.

Indoors and outdoors for force-locking closure of working and contraction joints, as well as of narrow and wide screed cracks as rapid mortar and adhesive compound for wood, stone, concrete and metal. For production of step edges including for embedding reinforcement brackets, stair rails and nailing strips, as well as many other wooden and metal profiles. Suitable for underfloor heating systems and castor wheel loads.

Delivery format:

Container	Outer packaging	Pallet
600 ML / EH	5	195

Storage:

Can be stored frost-free, cool and dry on wooden shelves in the unopened original container for: 365 days.

Processing

Recommended tools:

Spatula, trowel.

Mixing:

Pour the contents of bottle Comp. A into Comp. B bottle and close it. Then shake well for 15 seconds. For thin application, process the material within 4 minutes. For wider joints or adhesive work, allow the material to stiffen slightly, then process rapidly after approx. 3-4 minutes. Note short pot life.

Processing:

Spread an excess of quartz sand over the filled joint to achieve anchoring with the subsequent smoothing compound or adhesive. Vacuum off loose sand after hardening. The filling itself can be applied after approx. 1 hour.

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Technical data

Final strength	12 hrs
Colour	Comp. A yellowy - Comp. B brown
Consumption	1.3 to 1.5 kg per litre of joint space, approx. 100 ml/running metre narrow screed crack depending on width and depth of the crack
can be walked on	35 - 45 Min.
Processing temperature	(ideally) +15 °C to +25 °C
Processing time	on the surface 10 - 12 min., bottle contents 6 - 8 min.

Test certificates

Tested in accordance with (standard, classification ...)

Very low emission PLUS - EMICODE EC1 Plus, after hardening odourless as well as ecologically and physiologically harmless, no impairment of the room air quality from volatile compounds.

Substrate

Suitable substrates:

Standard mineral substrates
Cement screeds and concrete floors
Calcium sulphate screeds
Mastic asphalt
Wooden substrates
Dry screeds

The substrate must be dry, free of frost, solid, load-bearing, dimensionally stable and free of dust, dirt, oil, grease, solvents and loose parts and correspond to the applicable technical national and European guidelines, standards as well as meet the "generally accepted rules of the trade".

Product and processing instructions

Material instructions:

- When working outside the ideal temperature and/or humidity range the material properties may change significantly.
- Bring materials up to temperature accordingly before processing!
- To retain the product properties, no foreign materials may be mixed in!
- Water dosing amounts or dilution specifications must be precisely kept!
- Check coloured products before use for colour consistency!
- Colour evenness can only be guaranteed within a batch.
- The colouring is significantly influenced by the environmental conditions.
- Water-based systems can only be kept for a limited period after dilution with water; that is why we always recommend to process as quickly as possible.
- Always allow primer to dry/harden well.
- Large amounts of mixed residual materials may heat up after the pot life has been exceeded and lead to the development of a lot of smoke and odour. Mix unused, mixed residual quantities with quartz sand in original container and allow them to harden in the open.

Environmental advice:

- Do not process at temperatures below +15 °C!
- The ideal temperature range for material, substrate and air is +15 °C to +25 °C.
- The ideal air relative humidity range is between 40% to 60%.
- Increased humidity and/or lower temperatures delay, lower air humidity and/or higher temperatures accelerate drying, setting and hardening.
- Ensure sufficient ventilation during the drying, reaction and hardening phase; avoid draughts!
- Protect from direct sunlight, wind and weather!
- Protect adjacent components!

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Tips:

- We highly recommend using a test surface first or a small area for initial, small-scale testing.
- Observe the product data sheets of all MUREXIN products used in the system.
- Keep a genuine original container of the respective batch for later repair work.

The information provided reflects average values that were obtained under laboratory conditions. Due to the use of natural raw materials, the indicated values of individual deliveries may vary slightly without impacting the product suitability.

Safety instructions

This leaflet is based on extensive experience, is intended to convey the best of our knowledge, is not legally binding and does neither constitute a contractual legal relationship nor a subsidiary obligation resulting from the bill of sale. The quality of our materials is guaranteed within the framework of our general terms and conditions. Our products may be used by professionals and/or experienced and accordingly technically skilled persons only. Users are not released from inquiring in case of uncertainties or from rendering professional workmanship. We recommend using a test surface first or a small area for initial, small-scale testing. Naturally, it is not possible to describe or foresee all possible current and future uses and peculiarities. Information that is assumed to be familiar to experts has been omitted.

Please observe the current, technical, national and European standards, guidelines and data sheets regarding materials, substrates and the subsequent construction. Please contact us if you have any reservations or doubt. This version is rendered invalid if a new version is released. The most recent data sheets, safety data sheets and the terms and conditions are available online at www.murexin.com.