

Product description

Arturo EP1851 skirting mortar is a solvent-free, 2-component, epoxy-based mortar system with mineral fillers.

Area of application

It is especially suitable for skirting and upstands in:

- Sanitary areas
- Abattoirs
- Kitchens
- Chemical stores
- Sumps

Optical appearance

Mottled

Product features

- Easy to apply
- Very smooth surface
- Closed surface
- Good resistance to chemicals
- Resistant to impacts, shock and abrasion

Product data

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|---------------------------------------|---|
| Colour | Light grey |
| Packaging | <u>10 kg set</u> A = 9.70 kg B = 0.30 kg |
| Layer thickness | At least 0.5 mm |
| Shelf-life/storage | Ca. 12 months if stored under frost-free conditions in the original packaging |
| Frost resistance of the final product | Yes (but avoid large temperature differences over short periods) |

Technical data

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|------------------------------|--|
| Density of the mixed product | 2.0 kg/dm ³ |
| Mixing ratio | 97.0 parts by weight comp. A 3.0 parts by weight comp. B |
| Solids content | 100% |
| Consumption | Ca. 2.00 kg/m ² /6 cm height |
| Pot life | Ca. 30 minutes* |
| Hardening/curing | <u>Dust-dry</u> After ca. 6 hours* <u>Foot traffic</u> After ca. 16 hours* <u>Further layers/treatments</u> In ca. 16 to max 24 hours* <u>Mechanical loads</u> After 3 days* <u>Exposure to chemicals and water</u> After 7 days* |

*at 20°C, 65% relative humidity

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|-------------------------|------------------------------------|
| Abrasion resistance | AR 0.5 |
| Flexural strength | 25 - 27 MPa** (N/mm ²) |
| Compressive strength | 58 - 62 MPa** (N/mm ²) |
| Resistance to chemicals | See the Chemical Resistance list |

**after 28 days, 23°C

Substrate

The substrate must be firm, able to bear sufficient loads and have adequate grip. It must be free of grease, oil and non-adherent components. It must also be free of any layers or contaminants that could reduce the adhesion. (Compressive strength at least 25 MPa (N/mm²), average tensile strength >1.5 MPa (N/mm²), smallest single value > 1.0 MPa (N/mm²)).

Prior to work, the substrate must be adequately dry:

- Cement screed substrates: ≤ 4 CM%
- Anhydrite: ≤ 0.5 CM%
- Magnesite: 2-4 CM%
- Concrete class > B35: ≤ 3 CM%
- Concrete class < B35: ≤ 4 CM%

For Sweden and the UK, below 75% r.h.

Substrate preparation

Remove non-adherent layers and contaminants by suitable mechanical means (e.g. shot blasting, sanding or brushing). Then remove all dust using an industrial vacuum cleaner.

Standard layer structure

Primer:

Prime with Arturo EP6850 skirting primer (for processing see the technical data sheet). Apply the Arturo EP1851 skirting mortar wet-in-wet in the Arturo EP6850 skirting primer.

Safety information:

The safety information on the label of this product must be heeded.

Processing conditions

Minimum substrate temperature: + 10°C and + 3°C above the dew point.

Room/processing temperature:

- Min: + 15°C
- Max: + 30°C
- Optimum: + 20°C

(In general, higher temperatures shorten the pot life, whilst lower temperatures prolong the curing).

Maximum relative humidity: 80%

Important:

All components must be acclimatised in the working area prior to use for at least 24 hours.

Processing instructions for Arturo EP1851

Stir component A thoroughly. Add component B and mix for at least 3 minutes with an electrical mixer (speed ca. 300 – 400 rpm). Apply the mixture to the substrate and distribute with a trowel. Then compress the surface, preferably manually with a trowel.

Cleaning tools

Tools must be cleaned with Arturo cleaning agents*.

Fully hardened material can only be removed by mechanical means.

Data sources

All technical data, measurements, etc. given on this data sheet are based on laboratory tests. Due to circumstances beyond our control, actual data may deviate from the indicated values.

Disclaimer

The information on this product sheet concerning the processing and application of this product is based on our experience with the product under standard conditions and with correct product storage and use. In practice, differences between equipment, subfloors and working conditions mean that no guarantee for a specific work result nor any liability, arising out of any legal relationship whatsoever, can be inferred either from the information on this data sheet or from any verbal advice given, unless caused by intent or gross negligence on our part. In this case the user must demonstrate that he has promptly forwarded to us in writing all necessary information for proper and effective evaluation of the circumstances.

Users must test the products to check whether they are suitable for the intended application.

We reserve the right to amend the information on technical data sheets. The intellectual property rights of third parties must be heeded.

The most recent technical data sheet always applies. This can be requested from us or downloaded from www.arturoflooring.com.

Our general terms and conditions of sale and delivery also apply.

Health and safety at work

GISCODE RE 1 – solvent-free. Not flammable.

Comp. A: Contains epoxy resin / Xi: "irritant".

Comp. B: Contains amine hardener / C: "corrosive".

Both components: Risk of irritation and/or chemical burns to the eyes, respiratory organs and skin. Can cause hypersensitivity if contacted with the skin. If contacted with the skin, immediately wash the skin with a lot of water and soap. If contacted with the eyes, immediately flush the eyes with water and consult a doctor. Wear suitable protective gloves and safety glasses. "Harmful to the environment" in the liquid state, hence prevent discharge into drains, surface waters or onto soil. Heed, amongst other things, the following: The German Ordinance on Hazardous Substances and Technical Regulation 610 / risk statements / safety recommendations on the container label, safety data sheet, product group information and model instructions of the Association of the Construction Industry (BG Bau) for GISCODE RE 1, guidelines of BG Bau "Epoxy resins in the construction industry". Neutral odour and ecologically and physiologically harmless once completely dry.

Disposal

Do not discharge into drains, surface waters or onto soil. Empty, scraped out and leak-free metal containers can be recycled [Interseroh]. Containers containing non-cured residues of product as well as all other non-cured product residues must be disposed of as hazardous waste. Containers containing cured residues of product can be disposed of as building site waste. For this reason, gather together product residues, mix the components, leave to harden and then dispose of as building site waste.