

Product description

Arturo EP7760 sealer is a matt, water-containing, 2-component, epoxy-based sealer.

Area of application

It is suitable as a transparent, durable sealer for cement bound subfloors.

Arturo EP7760 sealer is especially suitable for the following applications:

- Dust-binding primer/sealer on screed and concrete floors.
- Arturo EP1000 mortar floor.

Optical appearance

Matt

Product features

- Easy to process
- Dust-binding
- Contains water
- Low odour
- Resistant to plasticisers

Product data

Colour	Transparent
Packaging	<u>8 kg set</u> A = 6.40 kg B = 1.60 kg
Layer thickness	Ca. 30 - 65 µm
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

Density of the mixed product	Ca. 1.07 kg/dm ³
Mixing ratio	80.0 parts by weight comp. A 20.0 parts by weight comp. B
Solids content	Ca. 45%
Consumption	Ca. 75 – 150 g/m ² , depending on the subfloor
Pot life	Ca. 60 minutes*
Hardening/curing	<u>Dust-dry</u> After ca. 4 hours* <u>Foot traffic</u> After ca. 8 hours* <u>Further layers/treatments</u> After ca. 8 hours* <u>Mechanical loads</u> After 3 days* <u>Exposure to chemicals and water</u> After 7 days*
Resistance to chemicals	See the Chemical Resistance list

*at 20°C, 65% relative humidity

Subfloor

The subfloor 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 subfloor must be adequately dry:

- Cement screed subfloors: ≤ 5 CM%
- Anhydrite: ≤ 0.5 CM%
- Concrete class > B35: ≤ 3 CM%
- Concrete class < B35: ≤ 5 CM%

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

Subfloor preparation

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

Processing conditions

Minimum temperature of the subfloor: + 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%

Prevent condensation. For this reason make sure that there is sufficient ventilation and temperature in the room. Beware: strong draughts can lead to surface disturbances, like colour and gloss differences.

Important:

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

Processing instructions for Arturo EP7760

Stir component A thoroughly. Add component B (be sure to add all the packaging contents) and mix for at least 3 minutes with an electrical mixer (speed ca. 300 – 400 rpm).

Then transfer to a clean bucket and mix thoroughly once again for 1 minute. Apply a closed and even layer of the mixture to the subfloor using a brush or lambskin roller. Then roll with a 70 cm wide lambskin or polyester floor roller.

Apply at least two layers of Arturo EP7760. When applying a further layer to already coated/sealed subfloors, it is vital that the existing cured layers are totally tack-free. For waiting times of over 24 hours,

the existing layer must be roughened by suitable means (e.g. sanding). Then make the surface 100% dust-free by vacuuming and cleaning with damp cloths.

Safety information:

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

Cleaning tools

Clean tools and equipment immediately after use with lukewarm water. Fully hardened material can only be removed by mechanical means.

Cleaning and care

Use neutral or slightly alkaline cleaning and care agents. For further information see the cleaning and care instructions of Johnson Diversey.

Data sources

All technical data, measurements, etc. given on this data sheet are based on laboratory tests. Due to practical 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 a polyamine - epoxy resin adduct/Xi: "irritant".

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

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.