

EP7950 SEALER

PRODUCT DESCRIPTION

Arturo EP7950 Sealer is a very low emission, thixotropic 2 component epoxy-based sealer for Arturo Resin Screeds.

AREA OF APPLICATION***

It is suitable as a transparent, durable sealer for EP mortar floors. Arturo EP7950 Sealer is especially suitable for the liquid-tight sealing of:

- ▶ Arturo EP1000 Resin Screed.
- ▶ Arturo EP1200 Resin Screed.
- ▶ Arturo EP1250 Resin Screed.

PRODUCT FEATURES/BENEFITS

- ▶ Impermeable to liquids
- ▶ Resistant to impacts, shock and abrasion
- ▶ Very low emission
- ▶ Good resistance to chemicals

TEST/APPROVAL

- ▶ Testing of the chemical resistance in accordance with DIN EN ISO 2812-3.
- ▶ Classification and testing of the fire resistance according to BS EN 13501-1 within an Arturo flooring system.



PRODUCT DATA

Packaging size	Set: A + B = 8 kg: A = 5,60 kg B = 2,40 kg
Shelf life	Approx. 12 months from the date of production
Colour	Transparent

TECHNICAL DATA

Density	Approx. 1.05 kg/dm ³
Consumption	Approx. 300 – 500 g/m ² , depending on the subfloor
Mixing ratio	70.0 part by weight comp. A 30.0 part by weight comp. B
Pot life	Approx. 25 minutes*
Dust-dry	After approx. 8 hours*
Ready for foot traffic	After approx. 16 hours*
Recoatable	In approx. 16 to max 24 hours*
Full mechanical resilience	After 3 days*
Chemically resistant	After 7 days*
Layer thickness	Approx. 100 - 250 µm
Frost resistance	Yes**
Solids content	100%
Viscosity (23°C)	Approx. 2500 mPa·s



Impermeable



Low maintenance and maintenance friendly



No seams



Classification of fire resistance



Good resistance to chemicals

SUBFLOOR

The Arturo Mortar Floor 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. Prior to work, the subfloor must be adequately dry. The Mortar Floor may not lay longer than 24 hours. If it is older than the floor needs to be degreased.

SUBFLOOR PREPARATION

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

Larger repairs and the filling of gaps, holes and other unevenness must be carried out with Arturo EP1500 repair mortar.

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

Maximum relative humidity: 80%.

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

These conditions must be observed while processing as well as curing.

PROCESSING INSTRUCTIONS

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 the mixture to the subfloor with a trowel, then distribute evenly in a closed layer with a roller. When a new or second layer of Arturo EP7950 sealer is applied, always grind the Arturo EP7950 sealer before application.

Sealing possibilities:

Arturo PU7180, Arturo PU7320, Arturo PU7750.

With the application of Arturo PU7180, PU7320 and PU7750 (with and without antislip material) the subfloor needs to be sanded slightly with a black pad or with a disc, grit size 180. Then remove all dust.

Attention:

Too much rest material in the packaging can lead to smoke development and heating of the material due to the exothermic reaction. Therefore never leave more material than 100 gr in the packaging and set it on a safety and good ventilated place. If there is more rest material in it you need to add sand.

SHELF LIFE

The two components must be acclimatised in the working area prior to use for at least 24 hours. Store under dry, cool and frost-free conditions in the original, sealed containers.

CLEANING

Use Arturo Cleaning Cloths from Uzin Utz Nederland bv for fresh contaminations.

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.

PROTECTION OF THE WORKPLACE AND ENVIRONMENT

Solvent-free. Non flammable. Comp. A: Contains epoxy resin/irritant. May damage fertility. Restricted to professional users. Comp. B: Contains amine hardener/corrosive. Both components: May cause irritations or burns to eyes, skin or respiratory system. May cause sensitisation by skin contact. After contact with skin, wash immediately with plenty of water and soap. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Use barrier cream, protective gloves and safety-goggles. In liquid form, "hazardous to the environment", therefore do not allow into drains, water courses or landfill. Observe safety information on product label as well as safety data sheet.

DISPOSAL

Where possible, collect product residues and re-use. Do not empty into drains, sewers or ground. Empty, scraped and drip-free containers are recyclable. Liquid residues as well as containers with liquid residues are special waste, those with mixed and cured residues are Construction Waste. Therefore collect waste material, mix both components, allow to harden, then dispose as Construction Waste.

* At 20°C, 65% relative humidity.

** Avoid large temperature fluctuations and differences, this can lead to a temperature shock which has a negative influence on the final result.

*** For recreation rooms systems with AgBB certification must be used.