

### Product description

Arturo EP6250 primer is a rapid drying, solvent-free, 2-component, epoxy-based primer.

### Area of application

It is suitable as a primer on cement, anhydrite and magnesite bound subfloors. Arturo EP6250 primer is especially suitable for the following applications:

- For manufacturing scratch coat (1:1 with Arturo sand 0.1-0.3 mm) and EP mortar
- As an adhesion layer (also wet-in-wet), especially if the next layer has to be applied on the same day

### Optical appearance

Glossy

### Product features

- Solvent-free
- Easy to process
- Good intermediate adhesion
- Quick to process

### Product data

Colour	Transparent (yellows with time).
Packaging	<u>4 kg set</u> A = 2.75 kg B = 1.25 kg <u>10 kg set</u> A = 6.875 kg B = 3.125 kg
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. 1.10 kg/dm <sup>3</sup>
Mixing ratio	69.0 parts by weight comp. A 31.0 parts by weight comp. B
Solids content	100%
Consumption	Ca. 200 – 300 g/m <sup>2</sup> , depending on the subfloor
Pot life	Ca. 10 minutes*
Hardening/curing	<u>Dust dry</u> After ca. 2-4 hours*  <u>Foot traffic</u> After ca. 2-4 hours*  <u>Further layers/treatments</u> After ca. 2-4 hours* Apply the next layer within 8 hours*; if later the surface must be sanded in.

\*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/mm<sup>2</sup>), average tensile strength >1.5 MPa (N/mm<sup>2</sup>), smallest single value > 1.0 MPa (N/mm<sup>2</sup>)).

Prior to work, the subfloor must be adequately dry:

- Cement screed subfloors:  $\leq 4$  CM%
- Anhydrite:  $\leq 0.5$  CM%
- Magnesite: 2-4 CM%
- Concrete class > B35:  $\leq 3$  CM%
- Concrete class < B35:  $\leq 4$  CM%

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

For advice in primer selection for all other substrates, ask your Technical Commercial Advisor.

### Subfloor preparation

Remove non-adherent layers and contaminants by suitable mechanical means (e.g. shot blasting, milling or 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 or EP6200 scratch coat.

### 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%

#### Important:

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

### Processing instructions for Arturo EP6250

Thoroughly mix the two components 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 thin, closed and even layer of the mixture to the subfloor using a brush or lambskin roller. Then brush in with a brush to ensure all pores are sealed.

#### Safety information:

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

#### Sanding in:

As a primer for mortar floors and pebble floors, sand in the fresh layer of Arturo EP6250 with Arturo sand 0.3 - 0.8 mm.

As a primer for cementitious screeds, sand in the whole area with an excess of Arturo sand 0.3 - 0.8 mm.

After hardening remove all excess sand.

Before continuing with further work, check the surface is sufficiently sanded in. If the primer is damaged, re-prime the surface and sand in again.

### Cleaning tools

Clean tools and equipment immediately after use. 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 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](http://www.arturoflooring.com).

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

### Protection of the Workplace and Environment

Solvent-free. Not flammable.

Comp. A: Contains epoxy resin/irritant.

Comp. B: Contains amine hardener/corrosive, harmful.

Both components: May cause irritations 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. Once cured, has neutral odour and presents no physiological or ecological risk.

### Disposal

Where possible, collect product residues and re-use. Do not empty into drains, sewers or ground. Empty, scraped and drip-free metal 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 and allow to harden, then dispose as Construction Waste.