

EP6700 PRIMER

PRODUCT DESCRIPTION

Arturo EP6700 Primer is a 2-component, epoxy-based primer, damp-proof membrane and resin for use as a scratch coat.

AREA OF APPLICATION***

It is suitable as a primer on cement, anhydrite and magnesite bound subfloors. Arturo EP6700 Primer is especially suitable:

- ▶ As a primer under EP and PU self-smoothings.
- ▶ For manufacturing scratch coat (max. 1:1 with Arturo sand, grain size 0.1 - 0.3 mm or Arturo Filler).
- ▶ As an adhesion layer, wet-in-wet under EP mortar.
- ▶ Moisture barrier on cement bound subfloors (max. 5% residual moisture content)

PRODUCT FEATURES/BENEFITS

- ▶ Easy to process
- ▶ Good intermediate adhesion
- ▶ Universal use (as a primer as well as a scratch coat)
- ▶ Moisture barrier (< 5% CM)
- ▶ AgBB certified

TEST/APPROVAL

- ▶ Tested according to AgBB within several Arturo PU-based flooring systems. Fitted with DIBt Gutachten (see paragraph "DIBt Gutachten").
- ▶ Classification and testing of the fire resistance according to BS EN 13501-1 within several Arturo flooring systems.



PRODUCT DATA

Packaging size	Set: A + B = 25 kg: A = 16.75 kg B = 8.25 kg
Shelf life	12 months
Colour	Transparent

TECHNICAL SPECIFICATIONS

Density	1.09 kg/dm ³
Consumption	200-350 g/m ² as a primer. 500-1300 g/m ² as a scratch coat (depends on the surface) Damp-proof membrane: always film-forming and closed, min. 500 g/m ² on concrete, min. 700 g/m ² on anhydrite and cementitious screeds. See 'Arturo Informationsheet Osmose'.
Mixing ratio	67.0 part by weight comp. A 33.0 part by weight comp. B
Pot life	Approx. 25 minutes
Dust-dry	After 9 hours*
Ready for foot traffic	After approx. 16 hours*
Recoatable	After approx. 16 hours*, within 24 hours apply the next layer.
Frost resistance	Yes**
Solids content	100%
Viscosity (23°C)	570 mPa·s
Adhesion strength	> 1,5 N/mm ² (depending on the adhesion strength of the substrate)



Can be used for renovations



Universal use



Classification of fire resistance



Resistant to moisture at the reverse side



Low-emission

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. The following values apply:

- ▶ Cement screed subfloors < 5 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.

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

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.

APPLICATION

As primer:

Stir component A thoroughly. Add component B and mix for at least 2 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 along the edges with a brush and then roll with a roller. Apply a closed, even layer of the mixture to the subfloor using a rubber wiper or nylon roller 25 cm (14 mm pile height).

As scratch coat:

Stir component A thoroughly. Add component B and mix for at least 2 minutes with an electrical mixer (speed ca. 300 – 400 rpm). Then transfer to a clean bucket. Then add Arturo sand (0.1-0.3 mm) in a max. 1:1 ratio by weight and stir again thoroughly for ca. 1 minute. Apply a closed, even layer of the mixture to the subfloor using a smoothing trowel.

As moisture barrier:

Stir component A thoroughly. Add component B and mix for at least 2 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 along the edges with a brush and then roll with a roller. Apply a closed, even layer of the mixture to the subfloor using a smoothing trowel (cement: min: 700g/m²). After 2-3 hour, use spike shoes to check if there are spots not completely covered. Apply extra material on those spots to create a closed, film forming layer.

Sanding:

As the primer is used as an adhesion layer under mortar-, self-smoothing- or pebble-floors, it need to be sanded with quartz sand 0,3-0,8 mm. As an adhesion layer under equalization it need to be sanded with quartz sand 0,3-0,8 mm in excess. After hardening remove the excess sand and start with levelling. Before levelling, control if there remains enough sand. The primer may swept away on some places, where needed repeat the treatment (primer+sanding).

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.

DIBT GUTACHTEN

DIBt Gutachten Nr. G-156-19-0005 for the assessment of compliance with the construction requirements with regard to health protection (ABG) according MVVTB 2019/1, attachment 8, when installing the flooring systems "Arturo PU".

CLEANING

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

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, subfloor 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

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 and 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.