EP6960 PRIMER

PRODUCT DESCRIPTION

Arturo EP6960 primer is a special-purpose, solvent-free, 2-component, epoxy-based primer.

AREA OF APPLICATION***

It is suitable as a primer on absorbent and non-absorbent subfloors with a high moisture content. Arturo EP6960 primer is especially suitable for the following applications:

- Damp-proof membrane on cementicious and moisture resistant subfloors (like e.g. rough, very dense or smooth cementicious floors, concrete surfaces, etc.)
- Adhesion layer on sanded ceramics-, stone- and terrazzo floors.
- Primer on subfloors contaminated with oil

PRODUCTFEATURES/BENEFITS

- Suitable for slightly damp subfloors
- Suitable for subfloors contaminated with oil
- Easy to process
- Solvent-free
- Good intermediate adhesion
- Versatile product
- Green colour for visible film-forming layer
- Fast version available with the Arturo Epoxy Accelerator

TEST/APPROVAL

- Tested according to AgBB within several Arturo PU-based flooring systems. Fitted with DIBt Gutachten (see paragraph “DIBt Gutachten”).

PRODUCT DATA

Packaging size	Set: A + B = 10 kg: A = 6.6 kg B = 3.4 kg
Shelf life	Approx. 12 months from the date of production.
Colour	Comp. A: blue, comp. B: yellow = A/B mixed: green

TECHNICAL SPECIFICATIONS

Density	Approx. 1.08 kg/dm3
Consumption	Primer: approx. 250 - 500 g/m² per layer depending on substrate surface texture. As a damp proof membrane, always apply a dense first layer of 500 g/m² (concrete). See ‘Arturo informationsheet Osmosis’.
Mixing ratio	60.6 part by weight comp. A 39.5 part by weight comp. B
Pot life	Approx. 30 - 45 minutes*
Dust-dry	After approx. 6 hours*
Ready for foot traffic	After approx. 12 hours*
Recoatable	In approx. 12 to max 24 hours* (+ 7% Arturo Epoxy Accelerator: approx. 4 hours)
Frost resistance	Yes**
Solids content	100%
Viscosity (23°C)	Approx. 550 mPa·s
Adhesion strength	> 1,5 N/mm² (depending on the adhesion strength of the substrate)

Compatible with underfloor heating

Can be used for renovations

Universal use

EP6960 PRIMER

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)). Cement screed subfloors: max. slightly damp

SUBFLOOR PREPARATION

Remove non-adherent layers and contaminants by suitable mechanical or chemical means (e.g. shot blasting, milling or chemical cleaning). Concrete subfloors that are contaminated with oil must first of all be precleaned with an emulsifying cleaning agent, following the instructions of the cleaning agent manufacturer. The waste water must be removed and disposed of in accordance with local regulations.

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:

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 thoroughly with a brush to ensure all pores are sealed.

Always install a second layer after curing and sand it slightly before installing the Arturo flooring system. Arturo EP6200 Scratch Coat can also be installed as a second layer.

As damp-proof membrane:

First layer: Liberally distribute 350 - 500 g/m² on the surface.

Second layer: Apply at least 250 - 350 g/m² within the time allocated for applying further layers, and if necessary sand in depending on requirements.

When being used in conjunction with UZIN screeds, please ask your technical adviser about the required layer structure.

Fast version:

Also available as fast version in combination with the Arturo Epoxy Accelerator.

Application: mix the Arturo EP6960 Primer according to the data sheet and add 7% Arturo Epoxy Accelerator. Then mix again. Curing time approx. 4 hours.

Attention: the working time is shortened by adding the Arturo Epoxy Accelerator (approx. 20 minutes). Avoid long waiting times, they can lead to a negative result.

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 saftey and goed ventilated place. If there is more restmaterial 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, attachement 8, when installing the flooring systems "Arturo PU".

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.

EU-REGULATION 2004/42

In accordance with EU Regulation 2004/42 the maximum permitted concentration of VOCs (product category IIA/j, type sb) is 500 g/l in the ready-to-use state (version 2010). The VOC content of Arturo EP6960 in the ready-to-use state is < 500 g/l.

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, 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. Not flammable. Comp. A: Contains epoxy resin/irritant. Comp. B: Contains amine hardener/corrosive. 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 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.