

EP6200 SCRATCH COAT

PRODUCT DESCRIPTION

Arturo EP6200 Scratch Coat is a light coloured, 2-component, epoxy-based scratch coat.

AREA OF APPLICATION***

It is suitable as a primer / scratch coat / levelling compound on cement bound subfloors. Arturo EP6200 Scratch Coat is especially suitable as: primer / scratch coat / levelling compound under Arturo coatings and self-smoothing floors.

PRODUCT FEATURES/BENEFITS

- ▶ Good intermediate adhesion
- ▶ Effective levelling
- ▶ Excellent sealing / pore-filling properties
- ▶ Fast version available with the Arturo Epoxy Accelerator
- ▶ Coloured

TEST/APPROVAL

- ▶ Classification and testing of the fire resistance according to BS EN 13501-1 within several Arturo PU flooring systems.
- ▶ 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 = 8,50 kg B = 1,50 kg
	Set: A + B = 25 kg: A = 21,25 kg B = 3,75 kg
Shelf life	From date of production: Component A: 6 months Component B: 12 months
Colour	Grey-white

TECHNICAL SPECIFICATIONS

Density	Approx. 1.60 kg/dm ³
Consumption	Approx. 500 - 1300 g/m ² /mm, depending on the subfloor
Mixing ratio	85.0 part by weight comp. A 15.0 part by weight comp. B
Pot life	Approx. 20 minutes*
Dust-dry	After approx. 6 hours*
Ready for foot traffic	After approx. 16 hours*
Recoatable	In approx. 16 to max 24 hours* (+ 7% Arturo Epoxy Accelerator: ca. 3 hours)
Frost resistance	Yes**
Solids content	100%
Viscosity (23°C)	Approx. 2.220 – 2.550 mPa·s
Adhesion strength	> 1,5 N/mm ² (depending on the adhesion strength of the substrate)



Classification of fire resistance



Compatible with underfloor heating



Can be used for renovations



Low-emission



Universal use

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: < 4 CM%
- ▶ Anhydrite: < 0.3 CM%
- ▶ Magnesite: < 4 CM%
- ▶ Concrete class > B35: < 3 CM%
- ▶ Concrete class < B35: < 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.

SYSTEM STRUCTURE

Primer

Arturo Epoxy Primer, depends on the subfloor.

Scratch Coat

Arturo 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%

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

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

APPLICATION

Stir component A thoroughly. Add component B and mix for at least 3 minutes with an electrical mixer (speed ca. 300 – 400 rpm). Then transfer the mixture to a clean bucket and mix again for 1 minute. Pour the mixture onto the subfloor and distribute using a smoothing trowel or double blade trowel or hard rubber trowel in a cross-wise scraping mo-

tion. The product can be filled with 30% Arturo quartz sand (0,3 - 0,8 mm).

Fast version:

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

Application: mix the Arturo EP6200 Primer according to the data sheet and add 7% Arturo Epoxy Accelerator. Then mix again. Curing time approx. 3 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 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".

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 EP6200 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. 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.