

PU6000 SCRATCH COAT/MEMBRANE

PRODUCT DESCRIPTION

Arturo PU6000 is a very low emission, ready to use scratch coat and membrane

AREA OF APPLICATION***

Suitable as a very low emission scratch coat under Arturo self-smoothing floors. Also usable and especially suitable as a membrane underneath Arturo PU2030 and PU2050.

PRODUCT FEATURES/BENEFITS

- ▶ Crack bridging
- ▶ Good intermediate adhesion
- ▶ Effective levelling
- ▶ Excellent sealing / pore-filling properties
- ▶ Solvent free
- ▶ Every low emission
 - AgBB certified
 - EMICODE® EC1PLUS

TEST/APPROVAL

- ▶ Static crack bridging certified according to DIN EN 1062-7 in various Arturo PU Flooring systems
- ▶ GEV-EMICODE®: EC1PLUS



PRODUCT DATA

Packaging size	Set: A + B = 25 kg: A = 21,00 kg B = 4.00
Shelf life	From date of production: Component A: 6 months Component B: 12 months
Colour	Creamy-white

TECHNICAL SPECIFICATIONS

Density	Ca. 1,54 kg/dm ³
Consumption	Approx. 500-1300 g/m ² as scratch coat In use as a crack bridging membrane: Approx. 3 kg/m ² (class 4, max 1,25 mm crack bridging) Approx. 4,5 kg/m ² (class 5, max 2,5 mm crack bridging)
Mixing ratio	84,0 part by weight comp. A 16,0 part by weight comp. B
Pot life	Approx. 30 minutes**
Dust-dry	After approx. 8 hours**
Ready for foot traffic	After approx. 18 hours**
Recoatable	In approx. 18 to max. 24 hours*
Frost resistance	Yes**
Viscosity (23°C)	Ca. 2500-2800 mPa·s
Yield point	Approx. 50%
Adhesion strength	> 1,5 N/mm ² (depending on the adhesive strength of the substrate)



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 MPa (N/mm²)). Prior to work, the subfloor must be adequately dry:

Cement screed subfloors: < 4% CM

Anhydrite: < 0% 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 on 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.

SYSTEM STRUCTURE

System 1: Arturo PU6000 applied as a scratch coat

Primer/scratch coat (depending on the substrate)

Arturo EP6500 Primer* (2-C, EP)

Arturo PU6000 Scratch coat* (2-C, PU)

Self-smoothing floor

Arturo PU Flooring

Transparent/coloured topcoats

Arturo PU Topcoats

System 2: Arturo PU6000 applied as membrane

Primer/scratch coat (depending on the substrate)

Arturo EP6500 Primer* (2-C, EP)

Membrane

Arturo PU6000 Membrane* (2-C, PU)

Self-smoothing floor

Arturo PU2030 Self-smoothing floor* (2-C, PU)

Arturo PU2050 Self-smoothing floor* (2-C, PU)

Topcoat

Arturo PU Topcoats

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

Arturo PU6000 applied as a scratch coat

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 motion.

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

Volgens EU-Richtlijn 2004/42 ligt de toegestane max. gehalte aan VOC (Productcategorie IIA/j Typ wb) in gebruiksklare toestand bij 500 g/l (Stand 2010). Het VOC-gehalte van Arturo PU6000 in gebruiksklare toestand is < 500 g/L VOC

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: Requires no special protection or precautions in general use. Comp. B: Contains isocyanate. Irritating. Harmful if inhaled. May cause sensitisation by inhalation and skin contact. Provide good ventilation. Use barrier cream, protective gloves and safety-goggles. 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. 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.