

PU6030 RELEASE SCRATCH COAT

PRODUCT DESCRIPTION

Arturo PU6030 Release Scratch coat is a very low-emission, ready-to-use, crack-bridging scratch coat for use in Release Floor systems (2-C, PU)

AREA OF APPLICATION***

Suitable as a removable, very low-emission scratch coat, under an Arturo PU self-smoothing floor. Especially suitable as crack bridging layer under the Arturo PU2030, Mistral and PU2050 self-smoothing floor*. The Arturo PU6030 Release Scratch coat ensures that despite a sufficiently strong adhesion, the Arturo Self-smoothing floor can be removed virtually without residue. The self-smoothing floor can then be recycled into raw materials for new Arturo flooring systems.

PRODUCT FEATURES/BENEFITS

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

PRODUCT FEATURES/BENEFITS:

Due to the unique and innovative properties of the scratch coat, Arturo PU self-smoothing floors can be made detachable. Thus, the scratch coat contributes to a circular economy. After removal, the floor can be recycled into raw material for new Arturo Self-smoothing floor systems.

TEST/APPROVAL

- ▶ Static crack bridging certified according to DIN EN 1062-7 in different Arturo PU (Release) Self-smoothing floor systems
- ▶ AgBB certified in system with different Arturo PU flooring systems. Equipped with DIBt Gutachten (see section "DIBt Gutachten").



PRODUCT DATA

Packaging size	Set: A + B = 25 kg: A = 20,00 kg B = 5,00 kg
Shelf life	From date of production: Component A: 6 months Component B: 12 months
Colour	Creamy-white

TECHNICAL SPECIFICATIONS

Density	1,56 kg/dm ³
Consumption	Approx. 500-1300 g/m ² as scratch coat
Mixing ratio	80,0 part by weight comp. A 20,0 part by weight comp. B
Pot life	Approx. 30 minutes**
Dust-dry	After approx. 4 hours**
Ready for foot traffic	After approx. 16 hours**
Recoatible	After approx. 16 to max. 24 hours*
Frost resistance	Component A: Yes*** Component B: No
Viscosity (23°C)	Ca. 3000 – 3300 mPa·s
Yield point	Approx. 70%
Adhesion strength	> 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, contact your Technical Sales Manager.

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 PU6030 applied in a 'Release Floor' system

Subfloor treatment

Primer (depending on subfloor)

UZIN NC 570 or NC 580 Fusiontec levelling compound*

Primer/scratch coat

Arturo AC6600 Release Primer* (2-C, AC)

Arturo PU6030 Scratch coat (2-C, PU)

Self-smoothing floor

Arturo PU2030, PU2050 or Mistral Self-smoothing floor*

Transparent/coloured topcoats

Arturo PU Topcoat

System 2: Arturo PU6030 applied as a scratch coat

Primer/scratch coat (depending on the subfloor)

Arturo EP Primer (2-C, EP)

Arturo PU6030 Scratch coat (2-C, PU)

Self-smoothing floor

Arturo PU Self-smoothing floor

Transparent/coloured topcoats

Arturo PU Topcoat

PROCESSING CONDITIONS

Minimum temperature of the subfloor: + 10°C and + 3°C above the dew point.

Room/processing temperature:

- ▶ Min: + 18°C
- ▶ Max: + 25°C
- ▶ Optimum: + 20°C

Minimal relative humidity: 40%.

Maximum relative humidity: 75%.

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. Add approx. 20% Arturo Filler. Mix again for approx. 3 minutes. 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.

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.

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.