

AC6100 IMPREGNATION COAT

PRODUCT DESCRIPTION

Arturo AC6100 Impregnation Coat is a very low emission, fast-drying, 1-component dispersion based on acrylic (1-C, AC)

AREA OF APPLICATION***

Suitable as an very low emission impregnation coat for Arturo cement-based floor and wall finishes. When using Arturo AC6100 Impregnation on the floor, the product always needs to be sealed with 2 layers of Arturo PU Sealer e.g. Arturo PU7310.

Arturo AC6100 is particularly suitable as an impregnation for:

- Arturo Concreta
- Arturo Microcement

PRODUCT FEATURES/BENEFITS

- ▶ High UV stability
- ▶ Easy to apply
- ▶ Fast-drying
- ▶ For floors and walls
- ▶ Good intercoat adhesion
- ▶ Solvent-free
- ▶ Very low emission
 - AgBB certified
 - EMICODE® EC1PLUS

TEST/APPROVAL

- ▶ Classification and testing of the fire resistance according to BS EN 13501-1 within the Arturo Concreta flooring system.
- ▶ GEV-EMICODE®: EC1PLUS



PRODUCT DATA

Packaging size	Set: 5 kg
Shelf life	Approx. 12 months from date of production.
Colour	White liquid that dries to a transparent film.

TECHNICAL DATA

Density	Approx. 1,04 kg/dm ³
Consumption	Approx. 90 - 100 gr/m ² , depends on the structure of the subfloor.
Dust-dry	After approx. 60 minutes*
Ready for foot traffic	After approx. 120 - 180 minutes*
Recoatable	After approx. 120 - 180 minutes.* (Allow to harden till a transparent film occurs which is dry to the touch.)
Frost resistance	No
Solids content	32 - 34 %
Viscosity (23°C)	60 mPa·s



SUBFLOOR

The Arturo Concreta Self-smoothing floor must be firm, able to bear sufficient loads and have adequate grip. It must be free of grease, oil and non-adherent components.

SUBFLOOR PREPARATION

The floor must be laid for at least 24 hours before laying. For other subfloors please contact your technical sales manager.

PROCESSING CONDITIONS

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

Room/processing temperature:

- ▶ Min: + 15°C
- ▶ Max: + 25°C
- ▶ Optimum: + 20°C

Minimum relative humidity: 35%

Maximum relative humidity: 65%

In general, higher temperatures and low humidity shorten the pot life, whilst lower temperatures and high prolong the curing.

These conditions must be observed while processing as well as curing: draughts must be avoided. Too high humidity and draughts can adversely affect the curing, degree of gloss and the structure of the cured material.

Attention:

Arturo AC6100 Impregnation coat is not resistant against plasticizers.

PROCESSING INSTRUCTIONS

Mix the Arturo AC6100 Impregnation Coat before use with an electrical mixer (speed ca. 300 - 400 rpm) at least for approx. 2 minutes. Then transfer to a clean bucket and mix thoroughly once again for ca. 1 minute. Apply the material on the surface by working cross-wise.

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 wb) is 500 g/l in the ready-to-use state (version 2010). The VOC content of Arturo AC6100 in the ready-to-use state is < 140 g/l.

DATA SOURCES

All technical data, measurements, etc. given on this data sheet are based on laboratory tests. Due to 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, subfloors 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.

PROTECTION OF THE WORKPLACE AND ENVIRONMENT

Solvent-free. Non-flammable. The use of barrier cream and ventilation of the work area are recommended. EMI CODE EC 1 PLUS - very low emission.

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.

* 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.