



TECHNICAL DATA SHEET

AMERIN[®] UG-2

PUR PAINT for concrete surfaces

1. Description:

One component, poly-isocyanate prepolymer based paint containing solvents, pigments and special fillers.

2. Characteristics:

- fast drying
- excellent abrasion resistance, hardness
- it makes the surface dust-free, watertight and oil-resistant
- easy to apply
- easy to clean
- cost effective coating
- the coating follows the structure of the surface, the smoothness of concrete does not change

Attention! This product should not be compared to the common concrete-paints, because its abrasion resistance, chemical resistance and overall features are much higher!

3. Areas of use:

- mainly in garages, warehouses, cellars, workshops
- the application does not require professional skills

4. Technical data:

Appearance	coloured liquid of special odour with low viscosity
Flow-out time, 25 °C-on, Ford-cup4, s	35-90
Flash point, C°	25
Density at 25 C°, g/cm³	1,20-1,25
Minimum curing temperature, C°	+ 5
Minimum curing temperature, C°:	+ 15 - + 20
Overcoating time at 20 C°, hours	8-24
Resistant to foot traffic at 20 C°, after... hours	24
Full hardening time at 20 C°, days	7
Tear-off strength to concrete	concrete tears off
Water resistance	resistant to water
Abrasion resistance, mg (Taber Abraser CS 10/1000g/1000 rotation)	appr. 17



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Standard range of colours:

cc. RAL 1002 sand yellow, cc. RAL 3013 tomato red, cc. RAL 5012 light blue, cc. RAL 6002 leaf green, cc. RAL 6021 pale green, cc. RAL 7001 silver grey, cc. RAL 7032 pebble grey, cc. RAL 7035 light grey.

5. Requirements to the substrate:

Dry, smooth concrete free from cement laitance, loosen particles, dust, and old paints, grease and oil contaminants and a minimum of Grade C16. For more details see *Application Instruction of Amerin Products*.

6. Surface preparation:

It can be carried out with straining, grinding, steel or sand blasting and high pressure water jetting. Eventually the generated dust should be removed with industrial vacuum cleaner of high capacity. On more details see *Application Instruction of Amerin Products*.

7. Mixing:

The AMERIN UG-2 must be mixed up until reaching a homogeneous mixture.

8. Application:

The AMERIN UG-2 contains solvent, therefore during and upto 12 hours after application there should be adequate air ventilation.

The fire protection regulations regarding materials in the fire hazard Class II must be strictly observed during application. The AMERIN UG-2 should be applied in two layers on the cleaned surface. The second layer should be applied after the first layer within 8-24 hours. For the application a short-haired, solvent resistant Teddy-roller; on awkward places a paint brush should be used.

Average material consumption:

- for the first layer: approx. 0,3 kg/m²
- for the second layer: approx. 0,2 kg/m², totaling approx. 0,5 kg/m²

Attention! In order to achieve a nice, even surface the following should be noted:

- Cans should be kept open only during the actual application. Before application, during breaks in the application and if some of the material remains unused, the cans must be tightly sealed as soon as possible.
- For the application only new, clean and dry Teddy rollers and paint brushes should be used. A new roller should be used also if there is a more than 0,5-1 hour break during the application.
- From the opened can the paint must be used within an hour, if possible.

9. Packaging:

In 5 kg units

On request other packaging units are available.

10. Storage

6 months (For information on storage see *Application Instruction of Amerin Products*)



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11. Work and Health Safety:

The cured material is physiologically harmless. Information on components can be found in and *Material Safety Data Sheets*.

12. Fire protection classification:

Class II. (Flammable and Explosive)

13. Cleaning:

The components and the uncured mixture can be removed with AMERIN H-2/PUR thinner. The cured material can be removed by mechanical means only.

13. Handling and disposal of waste

The cured material can be disposed of with domestic waste.

Remnants in the can must be handled as dangerous material and as residue of lacquer.

15. Licences and certifications:

KERMI licence: E-96/2980

CE min sítés: 90-09-0002 TSÚS

This technical data sheet has been composed to the best of our technical knowledge, experiences and experiments. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions.

Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.

For more information contact the manufacturer or his representative.

Aug, 2009.

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