



TECHNICAL DATA SHEET

AMERIN® K-3 PAINT FOR EXTERIOR CONCRETE SURFACES

1. Description:

One-component polyurethane resin based outdoor coating containing pigments, solvents and special fillers.

2. Benefits

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

3. Areas of use:

Amerin K-3 is used primarily as a coating of rough concrete floorings. Typical areas of use: **exterior pavements, garage shafts, staircases, balconies, platforms, concrete pools**, etc.

The concrete treated with Amerin K-3 becomes dust-free and easy-to-clean, its water- and oil absorbency ceases and the surface's capacity of loading and abrasion resistance improves.

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

4. Technical data

Appearance	coloured liquid with a distinctive smell and low viscosity
Flow-out time, s (Rod Cup 4, 25°C)	25-60
Flash point, °C	32
Density, g/cm ³ (25°C):	1,15-1,25
Minimum curing temperature, °C	+ 3
Suggested conditions of application °C	+ 15 - + 20
Overcoating time, hours at 20 °C, hours	8-24
Resistant to foot traffic at 20 °C, hours	24
Time of full curing at 20°C, days	7
Adhesion to concrete	concrete tears off
Water resistance	resistant



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5. Range of colours:

RAL 1002 sand-yellow, ironoxid-red (approx. RAL 3013), RAL 5012 pool-blue, chromoxid-green (approx. 6002), RAL 6021 light green, , RAL 7001 silver-grey, RAL 7032 és 7035 light grey

6.. Application instruction:

The surface should be at least C-16 (B-200) solid, dry, smooth, and should be devoid of laitance and loose, unbending fractions, greasy and oily contamination to be suitable for coating.

As AMERIN K-3 contains solvents good ventilation should be ensured during application and 12 hours afterwards.

The Amerin K-3 should be applied in two coatings onto coarse concrete surfaces in dry circumstances! The second coating should be applied 8-24 hours after the first one. A short haired solvent resistant Teddy-roller is suggested for the application.

Average consumption: All together: appr. 0,5 kg/m²

-first layer: appr. 0,3 kg/m²

-second layer: appr. 0,2 kg/m²

Attention! To get a nice, even surface below suggestions must be followed during application:

-Cans should be kept open only during the actual painting. Before it, during breaks and after it -if not the whole amount is used- cans should be kept closed.

-Only new, clean and dry rollers can be used for painting. If work is stopped for more than 0,5-1 hour a new roller should be used!

-From an open can paint should be applied within 1 hour.

6. Packaging

In 5 kg metal cans

Material can be supplied in other packaging units on request.

9. Storage:

12 months in an unopened, original, tightly closed cans in dry premises far away from heat-sources.

10. Recommended thinner:

Amerin H-2 thinner (an alloy of solvents with aromas)

11. Fire protection classification:

Class II. (**Highly Flammable and Explosive**)

12. Physiological effects:

The AMERIN K-3 is an intoxicating material. The liquid and its vapour have an irritating effect on the eyes and skin. The liquid causes serious damage if it gets in contact with the eyes and skin. Inhaling the vapour can cause



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headache, nausea, but it can occur, that the symptoms of the poisoning present themselves only hours later. In fire, it dissolves with the formation of poisoning nitrous vapours.

13. Work and Health Safety:

During the process, protective glasses and gloves should be worn and care should be taken to provide adequate ventilation. If the above mentioned symptoms emerge, it is strongly suggested to take medical advice. If the material gets into the eye, it should be washed out with plenty of water for 10-15 minutes, then show it to a doctor. The material spilt onto the skin should be washed away with soaped water.

The fire protection regulations regarding materials in the fire hazard Class II must be strictly observed during the process.

14. 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:

CE: 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.

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