



TECHNICAL DATA SHEET

AMERIN[®] U-3/M MATT TOPCOAT

1. Description:

One-component resin based polyisocyanate prepolymer matt topcoat containing solvents and special fillers.

2. Characteristics:

- excellent adhesion
- excellent resistance to abrasion and hardness
- fast curing
- pleasant, aesthetic matt surface

3. Areas of use:

It is used to achieve a matt surface on the glossy epoxy and polyurethane based AMERIN coatings (Amerin DT-4, UD-4, UTR-3/P, USP-1, etc.)

4. Technical data:

Appearance	slightly brownish, clear, transparent liquid
Flow-out time, 25 °C-on, Ford Cup 4, s	15- 40
Flash point, °C	30-32
Density, 25 °C, g/cm ³	0,94-1,00
Minimum curing temperature, °C	+ 10
Suggested temperature of application °C	+ 15 - + 20
Overcoating time at 20 °C, hours	8
Resistant to foot traffic at 20°C-on, hours	24
Time of full hardening at 20°C, days	7
Resistance to water	water resistant

5. Requirements to the substrate:

The surface should be dry, smooth, free of dust, paint, greasy- and oily contaminations. For more information see *Application Instruction of Amerin Products*

6. Surface preparation:

See *Application Instruction of Amerin Products*



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7. *Mixing:*

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

The AMERIN U-3/M should be mixed thoroughly until a complete homogeneity is achieved.

8. *Application:*

AMERIN U-3/M contains solvent, so during and at least for 12 hours after application there should be adequate ventilation. The fire protection regulations regarding materials in the fire hazard Class II must be strictly observed during the process.

The Amerin U-3/M should be applied in two layers onto the previously cleaned surface. 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.

Material consumption: 0,1 kg/m² for each layer

Warning!

To achieve a pleasant, even surface, mind the followings during application:

- Can should only be open during the actual process. Otherwise they should be kept closed before, during the breaks and – if the material hasn't been entirely consumed – after the process.
- A new, clean, dry Teddy-roller or brush should be used for the process. Even if a 0,5 -1 hour or longer break is kept during the process, a new roller should be used. The lacquer should be consumed within an hour after the can has been opened.

Fire protection regulations regarding materials of fire hazard Class II must be strictly observed during the process

9. *Packaging:*

In 15 kg units

Material can be supplied also in other packaging units on request.

10. *Storage*

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

Caution! As sedimentation of fillers may occur, Component A has to be mixed thoroughly before adding component B.

11. *Work and Health Safety:*

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

12. *Fire protection classification:*

Class II. (Highly 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.



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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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AMERIN® U-3M ENG 2.