



TECHNICAL DATA SHEET

AMERIN[®] RM-4

PRIMER FOR NON-ABSORBANT SURFACES

1. Description:

Component „A” is a solvent containing modified epoxy resin

Component „B” is a solvent containing modified polyamine-amide

2. Characteristics:

- excellent adhesion to artificial stone, - old resin floorings, - ceramics, - and other non-porous surfaces
- comfortable pot life
- extraordinarily fast curing- and overcoating time

3. Areas of use:

- as a primer for artificial stone, - old resin floorings, - ceramics, - and other non-porous surfaces

Note: for unknown surfaces a preliminary determination of adhesion is necessary with a sample.

4. Technical data:

Mixing ratio:

AMERIN RM-4

Component A 4 parts by weight (kg)

AMERIN RM-4

Component B 3 parts by weight (kg)

	Component „A”	Component „B”
Appearance	clear, transparent liquid with moderate viscosity	yellowish, light brownish, transparent, fluid liquid
Density, at 20 °C°, g/cm ³	1,08-1,11	0,83-0,87
Outflow at 25 °C-on, DIN8, s	250-300	(DIN2) 40-80

	The mixture
Initial outflow at 25 °C-on, DIN3, s	30-70
Pot life at 20 °C°, hours	>4
Minimum curing temperature, C°: (of the substrate and the air)	+ 8*
Suggested application temperature*, C°	+ 15 - + 20
Overcoating time at 20 °C°, hours	4
Resistant to foot traffic at 20 °C°, after... hours	6
Resistant to mechanical loading at 20 °C°, after... days	1
Resistant to water and chemicals at 20 °C°, after... days	7
Drying time as a thin coating 4 th grade, at 20 °C°, hours	max. 3

*Attention! Curing time significantly extends below 10-12°C!



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5. Requirements to the substrate:

See Application Instruction of Amerin Products

6. Surface preparation:

See Application Instruction of Amerin Products

WARNING! In case of artificial stone substrates, before application, scattering of grains (Blastrac) or biting is necessary.

7. Mixing of components

See Application Instruction of Amerin Products

8. Application:

Consumption data given below are valid only on smooth, even, non-cracked, voidless, at least C-16, dry (moisture content max 3,5%) concrete.

Caution! AMERIN RM-4 contains solvent. Therefore, during application and at least for 12 hours after, care should be taken to provide adequate ventilation.

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

8.1. Priming:

Consumption of AMERIN RM-3: 0,15-0,2 kg/m²

Application: with Teddy-roller or rubber squeegee.

Ponding of the primer should be avoided!

Most of the time quartz sand should be scattered on the fresh coating (depending on the thickness and type of the following layer).

8.2. Overcoating:

Approx. 2-6 hours after the application of primer according to the temperature a thick AMERIN coating (AMERIN DT-4, DT-V etc.) can be applied as the next part of the intended coating system.

Caution!

- As regards to the diversity of coatable substrates, in order to check adhesion, on a small area a sample must be done before the actual application. The job can be carried out only in the case of 100 % adhesion. The fresh primer should be protected against moisture and contaminants for 2-6 hours.
- Solvent-free coating can be applied only after the evaporation of solvent in the primer. Otherwise the remaining solvent can deteriorate the quality of coating.

9. Packaging:

In 21 kg units (Component A: 12 kg, Component B: 9 kg)

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



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10. Storage

12 months for both Component A and B (For information on storage see *Application Instruction of Amerin Products*)

11. Work and Health Safety:

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

12. Fire protection classification:

Component A: Class I. (Highly Inflammable and Explosive)

Component B: Class I. (Highly Inflammable and Explosive)

13. Cleaning:

The components and the uncured mixture can be removed with AMERIN H-1 thinner. The cured material can be removed by mechanical means only.

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: 90-07-0201 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® RM-4 ENG 2.