



# TECHNICAL DATA SHEET

## AMERIN<sup>®</sup> RM-5 ANTI-CORROSION PRIMER

### 1. Description:

Component „A” : Modified epoxy resin containing pigments, fillers and additives.

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

### 2. Characteristics:

- excellent adhesion to iron and steel surfaces and most of the non-ferrous metals
- comfortable pot life
- very fast curing- and overcoating time

### 3. Areas of use:

- as an anti-corrosive primer for iron and steel surfaces
- can be used for most of the non-ferrous metal surfaces

Note: for unknown surfaces a preliminary determination of adhesion is necessary with a trial application

### 4. Technical data:

#### Mixing ratio:

AMERIN RM-5	Component A	2 parts by weight (kg)
AMERIN RM-5	Component B	1 parts by weight (kg)

	Component „A”	Component „B”	Mixture
<b>Appearance</b>	coloured paste	brownish, transparent, fluid liquid	coloured liquid
<b>Density, at 20 C°, g/cm<sup>3</sup></b>	1,35-1,45	0,83-0,87	1,20-1,30
<b>Epoxy equivalent, g/mol</b>	792± 50	-	-
<b>Flow-out at 25 °C, DIN2, s</b>	-	40-80	-
<b>Viscosity at 25 C°, mPas</b>	20 000-40 000	10-50	50-200



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	The mixture
Initial flow-out at 25 °C, 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 <sup>th</sup> grade, at 25 C°, hours	appr. 4

\*Mind that curing time significantly extends below 10-12°C!

## 5. Mixing the components:

See *Application Instruction of Amerin Products*

## 6. Application:

See *Application Instruction of Amerin Products*

WARNING! AMERIN RM-5 contains solvents, therefore good ventilation is necessary during application and 12 hours afterwards. Regulation of using Highly Inflammable and Explosive materials must be strictly observed.

**Average consumption:** appr. 0,15-0,30 kg/m<sup>2</sup>

## 7. Packaging:

In **30-kg** units (comp. A 20 kg, comp. B 10 kg) or in **12-kg** units

## 8. Shelf-life: 12 months for both Components

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

## 9. Work and Health Safety:

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

## 10. Fire protection classification:

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

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



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## ***11. 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.

## ***12. Handling and disposal of waste***

The cured material can be disposed with domestic waste.

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

## ***13. 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.

April, 2019.

AMERIN RM-5 ENG3.