

## ROMPOX<sup>®</sup> 1507 *food industry coating*

**Solvent free, pigmented 2 component epoxy resin system with formulated amine hardener.**

### 1. Areas of application:

ROMPOX<sup>®</sup> 1507 is a coloured coating that has been developed especially for the strict requirements in the food industry (in accordance with EU norms) and is used in areas such as the drinks industry, meat and fish industry, abattoirs and all wet areas such as launderettes, industrial kitchens, sanitary areas etc. It is available as a smooth coating as well as all nonslip categories and also nobbled structure.

### 2. Technical data for liquid components:

#### 2.1 Technical data:

Density at 23°C:	1,4	g/cm <sup>3</sup>	DIN EN ISO 2811-1
Viscosity:	approx. 1.000	mPas	DIN 53019

#### 2.2 Delivery form:

30 kg containers.

#### 2.3 Storage:

Can be stored for at least 12 months in unopened containers, in cool, dry, frostfree rooms. Temperatures below 5°C and over + 35°C should be avoided. After opening the containers should be used up as soon as possible. Protect contents against moisture.

### 3. Technical data for application:

#### 3.1 Surface requirements before application:

The surface must be even, dry and free of oil, grease and dust. Loose particles and other dirt must be removed. In most cases, the surface should be shotpeened and then primed. In some cases it may be necessary to carry out grinding or milling. The minimum adhesion strength of the concrete needs to be > 1,5 N/mm<sup>2</sup>. Residual moisture must be < 4% (CM machine). The concrete surface must be evened out using ROMPOX<sup>®</sup> 1505 as either a primer or scraping filler, in order to achieve an extremely smooth surface. Cement surfaces with a high residual moisture ≤ (6%) must be treated with ROMPOX<sup>®</sup> 1506. Highly porous surfaces need to be primed twice! Metal surfaces should be treated according to the Swedish norm SA 2 ½ and then primed with ROMPOX<sup>®</sup> 1101.

#### 3.2 Technical data for application:

Mixing ratio:	4 : 1	weight parts	
Min. hardening temperature:	8	°C	
Pot time at 20°C:	30	mins.	ROMEX <sup>®</sup> NORM 04

#### 3.3 Application instructions:

Component B (hardener) is poured completely into component A (resin) and stirred well using a slow rotating mixer (approx. 300 rpm). In case of using part measurements, these need to be weighed exactly using an electronic scale according to the stated mixing ratio. Mix only the quantity that can be used within the pot time. Do not use straight from the delivery container! After mixing, pour into a clean container and stir again. ROMPOX<sup>®</sup> 1507 can be applied using a roller, squeegee or smoothing trowel. For better aeration use a plastic pinfeed platen.

Please note: the minimum consumption of ROMPOX<sup>®</sup> 1507 (resin and hardener mixture with added ROMEX<sup>®</sup> 3209 filler material) is 1,5 kg/m<sup>2</sup>!

In case of surface and material temperatures below +15°C, levelling and surface faults can occur!

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### 3.4 Application examples:

Please see the standard specifications for sales for application examples.

### 3.5 Cleaning:

Tools and equipment should be cleaned immediately after use with ROMEX 3224 cleaning agent.

## 4. Technical data coating:

### 4.1 Technical data:

Re application at	20°C:	12 – 24	hrs.	ROMEX® NORM 07
Fully hardened:		after 7	days	ROMEX® NORM 07
Compressive strength:		65	N/mm <sup>2</sup>	DIN EN ISO 527-4
Bending tensile strength:		35	N/mm <sup>2</sup>	DIN EN ISO 14125
Tensile strength:		15	N/mm <sup>2</sup>	
Shore D hardness:		min. 75		DIN EN ISO 868, DIN 53505
Abrasion- Resistance		< 60	mg	DIN EN ISO 9352

### 4.2 Properties of the hardened coating:

- Solvent free
- Viscous hard floor coating, resistant to forklifts
- Very high abrasion resistance
- Good UV resistance
- Good resistance to alkalis, dissolved acids, saline solutions, mineral oils and aliphatic hydrocarbons (see separate chemical resistance list)
- At 15°C it can be filled with ROMEX® 3209 filler material with a ratio of 1 : 0,8
- At 20 °C ROMPOX® 1507 can also be filled with a ratio of 1 : 1 with ROMEX® 3209 filler material
- Many standard colours and light colours up to approx. RAL 9001 (cream) available

Note: The colours shown on the ROMEX® standard paintchart are approximate. Slight deviations compared to the RAL colours are of a technical nature and do not constitute a fault. Special colours on request.


## 5. Safety instructions:

The products contain reactive materials and are partly hazardous to health in a non-hardened state. The hardener components can cause burns due to high alkali content. It can also cause irritation or skin sensitization. Avoid skin contact. If the product does get onto the skin, wash well with soap and water. If the product gets into the eyes, rinse well with water and seek medical treatment. For further information please consult the information sheet on reactive resins and polyesters provided by the professional association of the chemical industry. Exact details on the handling of this product can be found in the safety data sheet.

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### 6.Important instructions: CE identification:

DIN EN 13 813 "Screed mortars, screed mass and screeds – properties and requirements" (Jan. 2003) sets out requirements for screed mortars that are used for floor construction in interior rooms. Synthetic resin coatings and sealants are also included in this norm. Products that are in accord with the aforementioned norm are to be given the CE identification mark.

	
ROMEX® AG • Weidesheimer Str. 17 • D - 53881 Euskirchen	
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EN 13813 SR-B1,5-AR1-IR 4	
Synthetic resin screed/coating for interior use in buildings (application according to technical specifications)	
Effects when burned:	Efl <sup>2)</sup>
Release of corrosive substances (Synthetic Resin Screed):	SR
Water permeability:	NPD <sup>3)</sup>
Abrasion resistance:	AR1 <sup>4)</sup>
Adhesion strength (Bond):	B 1,5
Impact resistance:	IR 4
Impact noise insulation:	NPD
Noise absorption:	NPD
Thermal insulation:	NPD
Chemical resistance:	NPD

- 1) the last two numbers of the year in which the CE identification was attached
- 2) in Germany DIN 4102 is still valid; fire class B2 is fulfilled
- 3) NPD = No Performance Determined
- 4) applies to the smooth, non sprinkled coating

**Note:**

Our recommendations, which are given to assist buyers & endusers, are based on our experience and correspond to the current levels of knowledge in science and practice, however they are not binding and have no legal force. It is recommended adapting methods and quantities of product to the local needs. If necessary a sample surface should be laid beforehand.

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