

ROMPOX® 1009

ROMPOX® 1009 is a water emulsifiable, pigmented 2 component EP resin coating system.

1. Areas of application:

ROMPOX® 1009 can be used as a priming/scraping filler, sealant and coating for cement bound surfaces indoors and outdoors as well as for the sealing of magnesite and anhydrite floors, due to its good steam permeability. ROMPOX® 1009 can also be used for the sealing of hard poured asphalt but only indoors. The main area of application is the sealing of floors and walls in warehouses, industrial plants, workshops, garages, power stations, stadium stands.

2. Technical Data:

The components are made of	A-component made of water emulsifiable hardener B-component made of epoxy resin		
Mixing ratio:	100 : 17		
Application time	at 10°C:	60 mins.	ROMEX® NORM 04
	at 20°C	40 mins	ROMEX® NORM 04
	at 30°C	30 mins	ROMEX® NORM 04
Hardening temperature:	> 10 °C		
Re-application after:	12 – 24 hrs.		ROMEX® NORM 07
Fully hardened:	after 7 days		ROMEX® NORM 07
Can be walked on after:	24 hours		ROMEX® NORM 07
Density at 23°C:	1,6 g/cm ³		DIN EN ISO 2811-1
Viscosity DIN 53214:	1.500 mPas		DIN 53019
Abrasion acc. to Böhme:	5 cm ³ /50 cm ²		
Water steam diffusion coefficient:	23.500 μ _{H₂O}		DIN EN ISO 7783-2: 1999
Abrasion resistance:	y 10 mg		DIN EN ISO 9352
(with Taber Abraser)			

In case of surface and material temperatures below +15°C, levelling and surface faults can occur! The rooms that have been coated should be well ventilated in order to allow the best diffusion of water particles from the fresh coating! Open windows and doors if necessary to avoid long periods of stagnant air!

3. Properties:

- water emulsifiable
- open to steam diffusion
- good penetration properties
- colours according to ROMEX® paint chart, special colours on request
- chemically resistant (see separate chemical resistance list)
- free of crystallisation
- fire classification B1
- for medium loads (light forklift traffic)
- for surfaces touching the ground

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4. Surface requirements:

Cement bound surfaces need to be dry, load bearing, slightly rough, free of vinasse, dust and loose particles as well as free of oil, grease and any other dirt that could act as a separator. If necessary: Pre-treat surface using sand, granulate, high pressure water or flame blasting or grinding or milling. Damp surfaces can be treated but not if water has gathered and is staying on the surface.

5. Instructions for use:

for A- and B-components used as a sealant:

Component B is poured into component A and mixed well with a slow rotating mixer. Only make up the required amount that can be used within the pot time.

Attention: Do not use directly from the delivery container. After mixing pour into a clean container and stir again well.

Suggestions for application follow:

(„green concrete“, 3 days old):

1 a) Sealing and waterproofing of magnesite, anhydrite and fresh concrete floors

- Priming using ROMPOX® 1009 with the addition of 10% water: 0,250 kg/m²
- Double surface coat of paint using ROMPOX 1009®, 2 x 0,300 kg/m² 0,600 kg/m²

1 b) Sealing

Light loads, pedestrian, forklifts (air tyres)

- Priming using ROMPOX® 1009 + 10% water: 0,250 kg/m²
- Sealing using ROMPOX® 1009 0,300 kg/m²

2. Scraping filler

Light to medium loads and for the levelling off of small unevenness

- Priming using ROMPOX® 1009 + 10% water: 0,250 kg/m²
- Scraping filler 1 weight part ROMPOX® 1009 1,500 kg/m²
0,5 weight part quartz sand 0,1 – 0,3 mm
- Sealing ROMPOX® 1009 0,300 kg/m²

6. Cleaning:

Clean equipment immediately after use using warm water.

7. Storage:

Cool and dry, protect against frost. Can be stored for 1 year in its original, unopened container.

Minimum temperature 10 °C

Protect against direct sun.

8. Delivery form:


30 kg containers

9. Safety instructions:

During application use of gloves and skin protection cream is recommended. Care should be taken that the hardener does not come into contact with the skin and that none splashes in the eyes. In case of skin contact, wash well with water and soap, eye contact needs to be rinsed well with water and medical help sought immediately. For further information please consult the information sheet on reactive resins and polyesters provided by the professional association of the chemical industry.

10. 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	
07 ¹⁾	
EN 13813 SR-B1,5-AR0,5- Efl	
Synthetic resin screed/coating for interior use in buildings (application according to technical specifications)	
Effects when burned:	Efl ²⁾
Release of corrosive substances (Synthetic Resin Screed):	SR
Water permeability:	NPD 3)
Abrasion resistance:	AR0,5 4)
Adhesion strength (Bond):	B 1,5
Impact resistance:	IR 4
Impact noise insulation:	NPD
Noise absorption:	NPD
Thermal insulation:	23.500 μ H ₂ O
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.
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