



EPOZEM

Mintepox® RRM 911

PRODUCT DATA SHEET

PRODUCT DESCRIPTION

It's a reactive resin mortar for very quick but very strong repairs in concrete which is solvent-free and has 2 components.

USES

Road construction and repairs.
Airports.
Bridge bearings, pillars for rail and roads.
Industrial facilities with extreme load conditions.
Stairs, joints, edges, potholes, walkways.
Ramps.
Foundations for steel structures.

ADVANTAGES

- It cures in one hour.
- Becomes harder and stronger than concrete.
- It can be applied in coldest conditions.
- More resistant to chemicals than concrete.
- Hot water resistant.
- No shrinkage.
- Excellent adherence to the surface.
- Doesn't always need primer.
- Impermeable to liquids.

Epozem Ltd Şti

Koşuyolu Mahallesi Asmadalı Sokak No 21 34718 Kadıköy İstanbul Türkiye

Tel: +90.216.4710822 Fax: +90.216.471823 info@epozem.com www.epozem.com



TECHNICAL INFORMATION

Composition	A+B (powder + hardener)
Appearance	A Powder – B Liquid
Colour	Concrete Gray
Thickness	6 – 20 mm
Viscosity of Hardener	0,6 – 0,7 mPa
Application Temperature	-10°C - +35°C
Density of Hardener	0,93 g
Solid Content by Volume	%100
Shelf Life	12 Months
Storage Conditions	12 months between +5 °C and +35 °C
Packaging	15 + 3 kgs

APPLICATION INFORMATION

Mixng Ratio	5/1 (A:B)
Mixture Color	Medium Gray
Pot Life	12-14 Minutes (At 20°C, %50 RH)
Hardening Time	60-90 Minutes
Curing Time for Light Traffic	60-90 Minutes At 20°C
Full Curing Time (Shore Hardness)	7 Days

STRENGTHS

Density	2,15 g/cm
Compressive Strength	75 (N/mm ²)
Tensile Strength in bending	27,5 (N/mm ²)
Module of elasticity	7000 (N/mm ²)
Water Vapour Permeability	1,05 – 10 g/cm



SURFACE PREPARATION

The substrate must be sound, structurally stable, clean, dry and free of all contaminants such as dirt, oil, grease, cement laitance, wax, varnish, old adhesive residue, paint coatings which could affect adhesion. All dust, loose material must be completely removed from all substrate types before the application, preferably by vacuum extraction equipment.

APPLICATION

The hardener liquid is added to the powder and mix for 3 minutes with a mixer at slow speed. Then should be applied evenly with a blade, screed or lath. Can be applied from 6 to 20 mm. The temperature can be as low as -10C.

CLEANING OF TOOLS

Clean all tools with thinner or other industrial cleaners right after use. Cured material can only be removed mechanically.

CONSUMPTION

The consumption is 2 kg/m² per 1 mm thickness..

WARNINGS

There should be a proper ventilation and medical precautions on the site as the material may exhale poisonous gas until the end of curing process. (S 38-23)
Don't leave the package cover open. (S 7)
Don't leave under the direct sunlight. (S 3/15)
Keep where the children cannot reach (S 2)
Eyes and skin should be protected during all kinds of works with chemical materials. (S 24/25)
Please ask us about any issues which are not mentioned on this data sheet. Otherwise the manufacturer can't be held responsible.