

Product 02025009 2-C-EP primer, substrates with higher moisture content, prefilled, whitish

1 General Data

Fields of application

FLOORFINDER EP-P203 can be used as a moisture barrier for industrial floors with increased residual subsoil humidity in cement-based systems of up to 6 CM% and as a priming coat for FLOORFINDER epoxy and polyurethane products.

Product description

FLOORFINDER EP-P203 is a filled, ready-to-use, whitish, two-component priming coat having a solvent free resin base.

Technical support

For system build up possibilities and detailed information relating to the laying of FLOORFINDER products, please refer to the FLOORFINDER System Planner or contact Floorfinder Asia Sdn. Bhd. directly.

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(A) Technical data	
Liquid mixture (A+B)	
1. Solids content	99.5%
2. Density (20°C)	1.42 g/cm ³
3. Viscosity (20°C)	1200–2000 mPas
4. Packaging size (2-component container)	25.1 kg (19.6 kg A + 5.5 kg B)
5. Shelf life	24 months in closed original container
6. storage	Dry at 10–25°C, avoid direct sunlight

(B) Technical data	
Cured material	
1. Adhesive strength (DIN EN ISO 4624)	> 2.5 N/mm ² (concrete failure)

Manufacturer:

Floorfinder Asia Sdn. Bhd., No. 28, Lorong Sungai Puloh 1A/KU6, Jalan Sungai Puloh, Batu 5 3/4, Kapar, 42100 Klang, Selangor Darul Ehsan, Malaysia, tel: +603 3290 7644, email: info@floorfinderasia.com, www.floorfinderasia.com – A division of VIACOR VISION AG, SWITZERLAND

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2 Application method

Substrate preparation

The substrate must be prepared by vacuum shot blasting. Rough contaminations can be removed by grinding. FLOORFINDER EP-P203 can be applied directly to the surface if the substrate moisture content does not exceed max. 6 CM % and the surface is absorbent and free from puddles. There should be no water in the pores. The surface must have an adhesive strength of minimum 1.5 N/mm². All traces of contaminants such as oils, fats, greases, paint residues, chemicals, algae and laitance should be removed. Cracks and hollow spots must be properly remedied. Before re-topping old coatings, please contact our technical support.

Application

For 2 component containers, the entire contents of the B-component container is emptied into the A-component container. After mixing with a suitable electrical stirrer for approx. 3–4 minutes the mixture is poured into another container and stirred again briefly. The inclusion of air in the stirring process is to be avoided.

The product is applied using a spatula and roller afterwards. It should be particularly ensured that a film-forming, closed surface is produced. Sometimes a second layer is recommended. To improve inter-layer adhesion the wet primer can be sprinkled slightly with silica sand FLOORFINDER QS0.3-0.8 over the entire area (consumption approx. 800 g/m²).

To cover vertical surfaces, add 1–3 % FLOORFINDER X953 floating agent.

For cleaning of tools and other contaminations FLOORFINDER SO-X10 tool cleaner is used.

Overcoating

Overcoating has to take place within 24 hours after application of the layer. Grinding would destroy the closed film of the priming layer.

(C) Technical data

Liquid mixture (A+B)

1. Mixing ratio A : B	100 : 28.1 by weight (kg)
2. Working time (20°C)	approx. 20 minutes
3. Application temperature:	10 – 30°C (min. 3°C above dew point)
4. Material consumption	300–700 g/m ² per layer
5. Foot traffic (20 °C)	after 12–15 hours
6. Following coating (20°C)	within 12–24 hours
7. fully capable of withstanding stress: mechanical (20°C) chemical (20°C)	after 3 days after 7 days

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3 Further information

CE-Mark



CE-Mark according to EN 13813

EN 13813: 2003-01, Screed material and floor screeds - Screed materials - Properties and requirements is the basis for requirements for floor screeds used in indoor flooring constructions. Resin coatings and sealer are also subject to this norm.

Details see CE-conformity mark and conformity declaration.

Decopaint-Guidelines (EU 2004/42/EG)

The maximum allowable VOC content for Product category IIA j Type Lb in the ready-to-use state is stage II (from 2010) < 500 g/l VOC.

In the ready-to-use state this product contains less than 500 g/l VOC.

Warnings and precautions

Information relating to the safe handling of this product can be found in the Material Safety Data Sheet. Local regulations concerning the safe handling of epoxy resin based coating materials must be observed.

Suitable protective clothing including suitable eye protection must be worn.

GISCODE: RE30

Disclaimer

All information in this technical data sheet is based on our current knowledge and experience. This does not release the applicator from performing their own tests as many application factors, beyond our control, affect the application of our product. No guarantee of characteristics or suitability for a special purpose can be derived from this information. All present data, descriptions, drawings, photos, ratios, weights etc. are subject to change without prior notice and do not represent contracted characteristics of the product.

Due to different materials, sub-bases and working conditions, no guarantee of an application result or any liability claims can be derived from these details or from an unwritten technical advice except for liability claims based on:

-damage to life, body or health resulting from a negligent violation of obligations or a deliberate or negligent violation of obligation of a legal representative or assistant and

-if we are charged with intention or gross negligence.

The user has to test the products for their intended use. The user is responsible for following existing laws and orders and for observing third party trademark rights.

As all FLOORFINDER data sheets are updated on a regular basis it is the users responsibility to obtain the most recent issue (see www.floorfinderasia.com).

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