

**Product 02025501** 1-comp. PU primer for asphalt, moisture curing, transparent

## 1 General Data

### Fields of application

FLOORFINDER PU-P274 is a moisture curing primer used as primer for non-porous substrates such as asphalt, on polyurethane coatings to achieve an optimal inter-coat adhesion.

### Product description

FLOORFINDER PU-P274 is a low viscosity, transparent (un-pigmented), solvent-containing 1 component primer.

FLOORFINDER PU-P274 has an outstanding adhesion to non-porous substrates. It is easy to apply and produces a resistant, tough elastic film with excellent mechanical properties.

### Characteristics

- excellent adhesion promoter towards asphalt
- low viscosity
- low consumption
- easy to apply

### 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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<b>(A) Technical Data</b>	
<b>Liquid</b>	
1. Density (20°C)	approx. 1.00 g/cm <sup>3</sup>
2. Viscosity (20°C)	80-150 cps
3. Packaging size	18 kg/set
4. (1-component container)	200 kg/drum
5. Colour	transparent
6. Shelf life /storage	6 months at 10-25°C, avoid direct sunlight

<b>(B) Technical Data</b>	
<b>Liquid</b>	
1. Mixing ratio	1 component, moisture curing
2. Material consumption (depending on substrate)	0.15 – 0.2 kg/m <sup>2</sup>
3. Material temperature during application	15 – 25 °C
4. Application temperature	10 – 35°C (min. 3 K above dew point)
5. Relative humidity	min. 40% - max 90%
6. Overcoating at 20°C and 50% humidity	after 4-8 hours

#### 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](mailto:info@floorfinderasia.com), [www.floorfinderasia.com](http://www.floorfinderasia.com), – A division of VIACOR VISION AG, SWITZERLAND

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## 2 Application method

Please refer also to our general application guideline.

### Substrate Preparation

The substrate (asphalt) must be load-bearing as well as clean and free of dust and loose particles. All traces of contaminants such as oils, fats, greases, paint residues, chemicals, algae and laitance should be removed.

The bonding strength of the substrate must be at least 1.0 N/m<sup>2</sup>, the moisture content must not exceed 4% and the temperature of the substrate must be at least 3°C above the current dew point.

### Application

The required amount of FLOORFINDER PU-P274 is poured into an application container and applied immediately. Avoid mixing in air. Processing temperature should be between 15 – 25°C.

FLOORFINDER PU-P274 is applied onto the pre-treated substrate by roller or brush best application method will be spraying, using airless equipment. Avoid puddles and apply a thin and uniform layer with 0.15 – 0.2 kg/m<sup>2</sup> material consumption. Exceeding this rate can cause foaming and a very slow curing of the material.

At low temperatures and humidity, the speed of reaction is reduced resulting in a longer pot life, re-coating interval and open time. The speed of reaction is accelerated at high temperatures and humidity and the converse is true. Direct sunshine shortens the time frames considerably.

After application, the primer has to be protected from direct contact with water in order to avoid inter-coat adhesion problems.

For cleaning of tools and other dirt FLOORFINDER SO-X12 cleaner is recommended.

### Overcoating

The next layer should be applied after 4-8 hours, when the solvents have evaporated.

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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 products (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.

#### 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 Asia data sheets are updated on a regular basis it is the users responsibility to obtain the most recent issue (see [www.floorfinderasia.com](http://www.floorfinderasia.com)).

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