

BUMA-FINI®

# BuMaSkim PES

Premium, waterproof Exterior Skim coat

**Super quality**

**Weather resistant**

**Extend working time**

**High bonding strength**



**PRODUCT DESCRIPTION**

**BuMaSkim PES** is a premium skim coat; fortified with special waterproof polymer and other polymer to make cementitious skim coat material with excellent water retention, high adhesion strength, good workability properties, and resist all impact of weather condition. It is formulated to be used as finishing to exterior walls as well as ceilings

**SUITABLE SUBSTRATES**

- Concrete
- Cement plaster
- Acotec panel
- Air aerated concrete

**PACKAGING**

20kg/bag

**COLOR**

White or grey (upon request)

**COVERAGE**

1.0 - 1.2kg/m<sup>2</sup>@1mm thickness

**SHELF LIFE**

Factory sealed containers of this product are guaranteed to be of first quality for 12 months\* if stored off the ground in a dry area.

\* High humidity will reduce the shelf life of bagged product.

**LIMITATIONS**

- Install only at temperatures between 8°C and 35°C
- Contains Portland cement. May irritate skin in case of prolonged contact with skin
- DO NOT take internally. Avoid breathing dust. Wear a respirator in dusty areas
- Keep out of reach of children

**INSTALLATION****Surface preparation**

- All surfaces should be between 8°C and 35°C
- Surfaces must be structurally sound, clean and free of all dirt, oil, grease, paint, concrete sealers or curing compounds.
- Moisture content must be lower than 16%

**Mixing**

- Pour 6.8-7.0L of potable water into a clean pail
- Gradually add 20kgs of powder while slowly mixing
- Use a low-speed mixing drill (about 300-600 rpm). Mix thoroughly until mixture becomes a smooth, homogenous. Avoid prolonged mixing
- Let mixture stand ("slake") for 5 minutes
- Remix

During application time, if mixture becomes heavy or stiff, remix without adding more water

**Application**

Apply skim coat to substrate, levelling and finishing with a steel trowel or spatula. A typical 1mm coat will dry out between 30 to 60 minutes depending on ambient temperature. When applying in multiple layers, ensure that the previous coat is reasonably dry before placing the next coat

**Cleaning**

- Due to high adhesion strength of this product (even on metals), tools should be washed before mixture becomes harden
- Once mixture setting, cleaning can only be carried out by mechanical method

**SAFETY PRECAUTIONS**

- In case of contact with the eyes, rinse with running water (10-15min)
- Wear protective gloves, clothing and eyes and face protection.

**DISCLAIMER**

- Technical details and recommendations contained in this product datasheet correspond to the best of our knowledge and experiences at the time of printing
- These detail offered for user's consideration and evaluation. It is the responsibility of the user to conduct their own tests to validate the suitability of the products for their requests
- 
- Technical details and recommendations can be changed by site condition and workmanship of applicators.
- As we have no control over site conditions and the execution of the work, we accept no liability for any loss or damage which may rise as a result thereof. We also reserve the right to update the information at any time without prior notice to you to reflect our ongoing research and development program
- The newest technical date sheet will be supplied upon user request

**TECHNICAL SERVICES/ AVAILABILITY**

Information is available by calling

**BUMATECH CO., LTD**

**Office:** 154/1/5 Cong Lo, Ward 15, Tan Binh District, Ho Chi Minh City

**Factory:** 820 Chanh Hamlet, Duc Lap Ha Ward, Duc Hoa District, Long An Province

Technical : 028. 3910 0814

Sale : 028. 3868 3803

Email : [info@bumatech.com.vn](mailto:info@bumatech.com.vn)

Website : [www.bumatech.com.vn](http://www.bumatech.com.vn)

## PRODUCT PERFORMANCE PROPERTIES

| Test   | Test Method              | Specification                              | Result                  |
|--|--------------------------|--|-------------------------|
| Setting time<br>- Initial set<br>- Final set         | TCVN 7239:2014           | Min 110<br>Max 450                         | Meet requirements       |
| Water retention                                      |                          | > 98%                                      |                         |
| Adhesion strength in standard condition              |                          | ≥ 0.35 MPa                                 | ≥ 0.70 MPa              |
| Adhesion strength after water immersion for 72 hours |                          | ≥ 0.25 MPa                                 | ≥ 0.50 MPa              |
| Adhesion strength after thermal shock cycle test     |                          | ≥ 0.30 MPa                                 | ≥ 0.60 MPa              |
| Hardness of surface after 7 days                     |                          | ≥ 0.12                                     | ≥ 0.15                  |
| Flexural strength under standard conditions          |                          | TCVN<br>7899-4:2008<br>ISO<br>13007-3:2010 | > 2.5 N/mm <sup>2</sup> |
| Compressive strength under standard conditions       | > 15.0 N/mm <sup>2</sup> |  |                         |
| Water absorption after 30 mins                       | ≤ 2.0 g                  |  |                         |
| Water absorption after 240 mins                      | ≤ 5.0 g                  |  |                         |

Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.