

BUMA-FINI®

# FinishSkim

Integral Water Repellent (IWR) Color Skimcoat/ Mortar

**Color fastness**

**Alkalis resistant**

**UV and weather safe**

**High bonding strength**



**PRODUCT DESCRIPTION**

**FinishSkim** is a one-component, pre-blended, normal - hardening fine-grained, water-repellent skimcoat/ mortar available in 40 colors, based on cementitious binders, selected water – repellent polymer, admixtures and synthetic powder polymers, alkalis resistant and UV safe color pigment prepared according to a special formula developed in the BUMATECH Research and Development department

Due to its special composition, the mixture obtained by mixing **FinishSkim** with water is easy to apply with a flat metal trowel. Once cured it has a high bonding strength. **FinishSkim** can be applied at a maximum of 3mm/ layer and maximum 2 layers (should be reinforced by alkalis resistant fiber glass mesh **BuMaMesh 70/ 150**)

The product can be used for decorating internal or external surfaces (as long as they are partially covered and protected by **BuMaSeal S Plus**)

**SUITABLE SUBSTRATES**

- Concrete
- Cementitious plaster/ render
- Cement backer board
- Air aerated concrete (block or panel)
- Existing ceramic tile

**PACKAGING:** 20 kg/bag

**COLOUR**

40 colors of BuMaTech chart or designed color as request of project

**COVERAGE**

1.2kg/m<sup>2</sup>@1mm thickness. Apply at least 3mm thickness for best performance

**SHELF LIFE**

Factory sealed containers of this product are guaranteed to be of first quality for 12 months\* for 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
- Moisture content must be lower than 16%
- DO NOT add cement or sand into **FinishSkim**
- 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
- In case of apply in 2 layer, alkalis resistant fiber glass mesh **BuMaMesh 70/150** should be incorporated
- 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

**Finish application**

- Wait until product complete dry (~24h), apply **BUMASEAL** onto dry finish surface. Base on required gloss finish apply one coat or more. Apply next coat when the last coat still wet (wet on wet application).
- Apply **BUMASEAL S PLUS** on dry product for Lotus Effect
- DON'T use **BUMASEAL S** in case of using product contact directly to sunlight

**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 reccomendations 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 data sheet will be supplied upon user request

#### TECHNICAL SERVICES/ AVAILABILITY

Information is available by calling

#### BUMATECH CO., LTD

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#### PRODUCT PERFORMANCE PROPERTIES

Test	Test Method	Specification	Result
Setting time - Initial set - Final set	TCVN 7239:2014	Min 110 Max 450	Meet requirements
Water retention		> 98%	
Adhesion strength in standard condition		≥ 0.45 MPa	≥ 1.0 MPa
Adhesion strength after water immersion for 72 hours		≥ 0.30 MPa	≥ 0.80 MPa
Adhesion strength after thermal shock cycle test		≥ 0.30 MPa	≥ 1.0 MPa
Hardness of surface after 7 days		≥ 0.12	≥ 0.15
Flexural strength under standard conditions		TCVN 7899-4:2008 ISO 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.