

balcony water



Product description

Clear, water-based, ready-to-use, one-component aliphatic polyurethane waterproof coating.

Uses

- Clear, flexible waterproofing of tiles, masonry, marble, glass.

Features/ Benefits

- Clear glossy waterproof coating.
- UV resistant.
- Easy to apply.
- Self-leveling and, once cured, suitable for pedestrian traffic.
- BALCONY ANTISKID finish may be used to make the surface non-slip.

Caution

- Substrate must be dry: excess moisture affects bonding and may result in delamination and blistering.
- Do not apply to substrates with rising damp.
- Do not apply if rain, fog or dew are expected.
- Pedestrian traffic only allowed after 24-hour curing.
- Temperatures below +23°C result in longer drying time.
- Glass substrates must not have undergone any stain-resistant or anti-condensation surface treatment.



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Surface preparation

Clean thoroughly and remove dust, waxes, loose material or non-adhering particles, grease, oil, residue from other water repellent treatments and anything that may affect proper adhesion.

Allow complete drying after water blasting.

Prime non-porous substrates and non-absorbent tile with BALCONY WATER PRIMER (see TDS).

Application instructions

Apply BALCONY WATER in two or more coats at minimum 4-hour and maximum 24-hour intervals.

Dry film thickness must be minimum 0.6 mm.

Once fully cured, the coating can be exposed to service temperatures ranging from -20°C to +80°C.

Surface may be rendered non-slip by use of the BALCONY ANTISKID polyurethane finish (see TDS).



Application methods

Mohair roller, brush.

Color

Clear



PRODUCT PERFORMANCES

ACCORDING TO HARMONIZED STANDARD EN 1504-2:2004

TEST METHOD	ESSENTIAL CHARACTERISTIC	REQUIREMENT
EN 1062-6	Permeability to CO ₂	$S_D > 50m$
EN ISO 7783-1-2	Water vapor permeability	CLASS II ($5 < S_D < 50m$)
EN 1062-3	Capillary absorption and water permeability	$w < 0,1 \text{ Kg/m}^2 \cdot h^{0,5}$
EN 1542	Bond strength by pull off test	$\geq 0,8 \text{ MPa}$
EN 1062-11:2002	Exposure to artificial atmospheric agents	No visible defects
EN 1062-7	Crack bridging properties	Class A5(23°C) A5(0°C) A5(-5°C)
EN 13501-1	Reaction to fire	Euroclass E

TECHNICAL DATA

PRODUCT FEATURE	MEASURE	UNIT
Type of product	One component	
Density	1.00 (± 0.05)	kg/lit
Solid content (weight)	40 (± 2)	%
Full curing (+23°C, 50% H.R.)	36	hrs
Recoat time (+23°C, 50% H.R.)	min 4 / Max 24	hrs
Tensile elongation (after 15 dd @ +23°C)	400	%
Number of coats	2 - 3	No.
Spread rate per coat	0.250 - 0.300	Kg/m ²
Application temperature limit	+5 / +35	°C
Recommended application temperature	+15 / +25	°C
Bond strength	≥ 2	MPa
Color (liquid)	milky white	
Color (cured)	clear glossy	
Shelf life	12	Months

Safety instructions

See Material Safety Data Sheet (MSDS).

Storage

Store in a dry, well-ventilated place at temperatures above +5°C.

Packaging

1, 5, 10 kg PE-PP pails

Please e-mail us at: assistenza@icobititalia.com

Our technical service will address your requests.

Ensure that the TDS is up to date: the latest version can be viewed and downloaded at icobit.com

The manufacturer reserves the right to amend the product specifications without notice. The above performances were measured according to the standards in force at the time of issue and represent the average results of our tests. Although highly reliable, they do not constitute a binding commitment nor liability for Icobit Italia S.r.l. The purchaser and the end consumer acknowledge responsibility for the product suitability to the intended use.

PACKAGING



APPLICATION METHODS



BRUSH



MOHAIR ROLLER