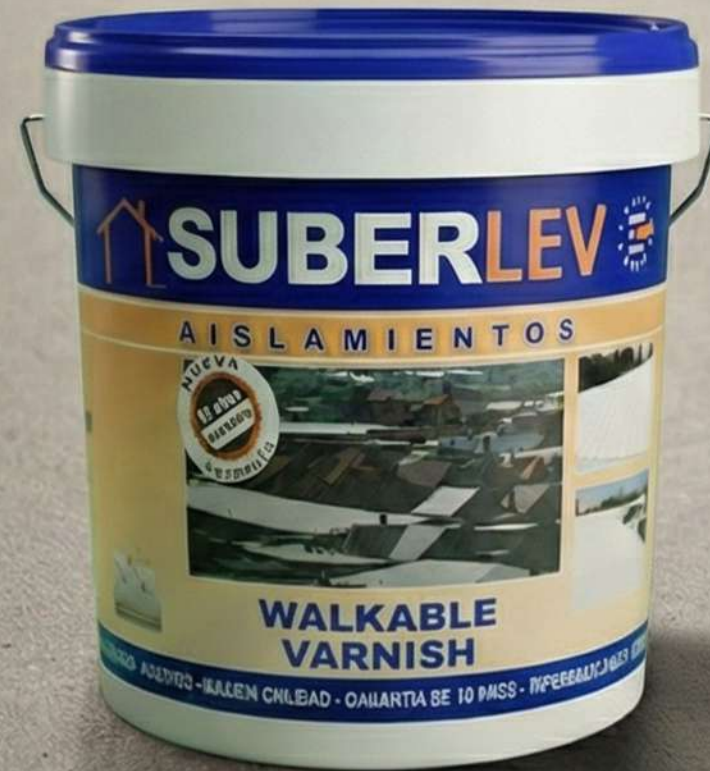


WALKABLE VARNISH

The Invisible Shield by Suberlev



Single-component aliphatic polyurethane membrane.



The Material

A water-based, single-component aliphatic polyurethane liquid membrane designed for high-performance protection.

FINISH: Satin appearance

TRANSPARENCY: Colourless & Non-yellowing (UV Stable)

DURABILITY: Elastic, waterproof, fully walkable


RESISTANCE: Hydrolysis, alkalis, chemical liquids




Surface Compatibility



Microcement



Sprayed Cork



Thermo Shield



Concrete & Wood

Primary Applications:

- Interior and exterior finishing
- Improving trafficability on cork
- Adding hardness to thermal covers

Compatible Substrates:

Compatible Substrates:

Concrete, wood, ceramic tile, natural stone, plasterboard, galvanized steel.

Ideal for protecting vertical siding from wear and horizontal siding from dust.

Phase I: Surface Preparation



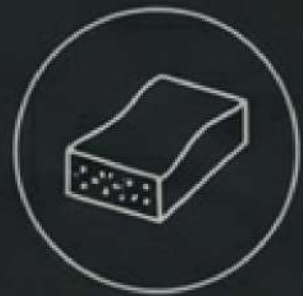
1. GENERAL INSPECTION

Surface must be dry, free of dust, mildew, dirt, and hidden moisture.



2. NEW CONCRETE / CEMENT

Allow substrate to cure for at least 28 days before application.



3. POLISHED SURFACES

Sand surface to open pores and ensure adhesion.

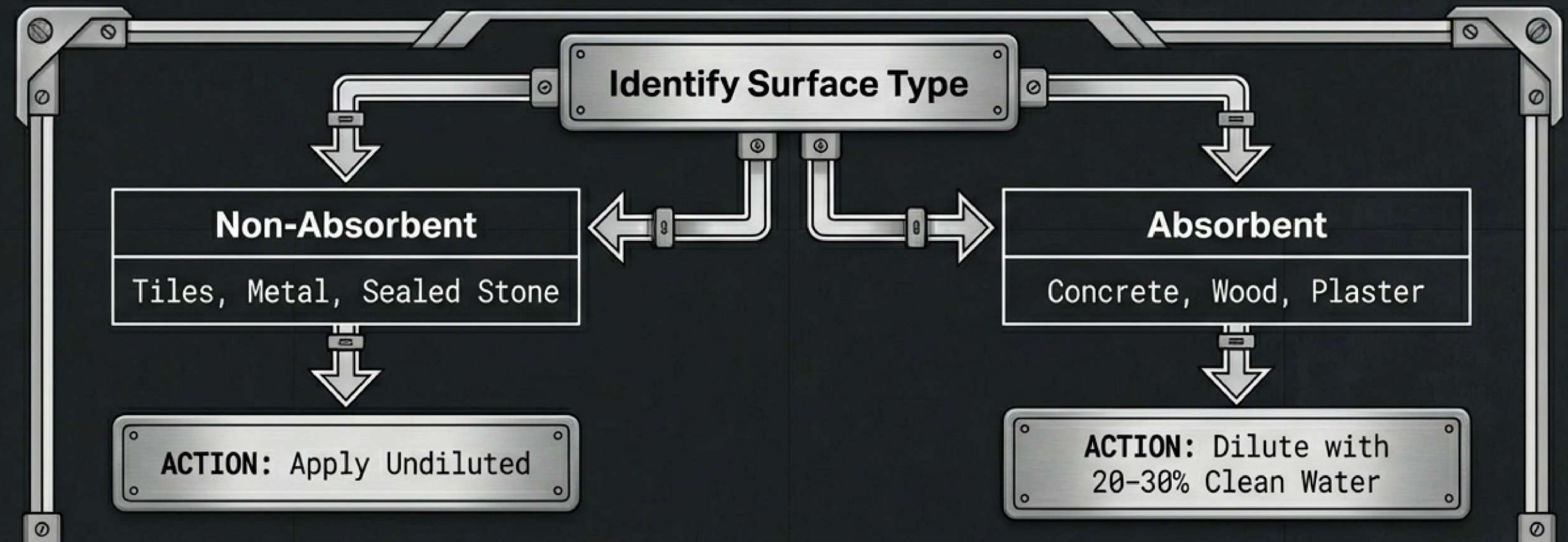


4. RENOVATION (OLD SURFACES)

Remove poorly adhered paint. Seal cracks or fissures with Exterior Mastic.

Phase II: The Mix

Dilution Protocol based on Porosity



Material Note: Single-component product. Use only water as diluent.

Phase II: Execution

Application Strategy



TOOLS: Brush, Roller, Spray Gun, or Airless.



DISTRIBUTION: Spread evenly avoiding stalling marks.



CRITICAL TECHNIQUE: Wet-on-Wet

Apply two layers in a row without letting the first layer dry completely. This ensures seamless integration of the membrane.



Note: Pot Life: Once opened, use within 15 days.

Critical Parameters



Consumption Rate



0.15 0.30 L/m²

(Varies by surface porosity)

Application Temperature



Range:
5°C to 45°C

 Warning: Do not apply if risk of rain or frost.



Storage Conditions

 5–45°C

Store in cool place

 Shelf Life: 2 Years

Note: Pot Life: Once opened, use within 15 days.

Curing Timeline

Standard conditions at 20°C / 60% Humidity



Note: Pot Life: Once opened, use within 15 days.

Technical Specifications

Film Hardness	70 (Shore A)
Density	1.05 ± 0.05 kg/L
Adhesion Strength	2.80 MPa (Standard: UNE-EN 1542:2000)
Water Permeability	W3: 0.04 kg/(m ² h0.5) (Standard: UNE-EN 1062-3)
Safety	Wear skin/eye protection. Do not discharge into sewers.

Note: Pot Life: Once opened, use within 15 days.

Help Us Help You

Innovation in Protection.



The information provided is based on extensive practical experience and laboratory tests.
Practical tests are recommended to ensure compatibility for each specific application.