



Micro Seal Standards 41(p)

Microcement for surface preparation

Pack Size
5Kgs

TDS Technical Data Sheet



DESCRIPTION

Micro Seal 41 (PU) is a two-component (A+B) solvent-based polyurethane sealer designed to protect both indoor and outdoor microcement coatings. It is available in matte, satin, and gloss finishes, providing a durable and aesthetically pleasing surface.

APPLICATION

Before applying Micro Seal 41 (PU), ensure that the surface is dry and free of dust. Depending on weather conditions and workspace ventilation, allow the microcement to dry for 24 to 48 hours before applying the polyurethane. The mixture can be applied using a spray gun or a short-hair roller. It is recommended to apply the product at temperatures ranging from 10°C to 30°C. Before applying the second coat, lightly sand the first layer with 400-grit sandpaper. Allow the first layer to dry for 8 hours, but no longer than 2 days, before applying the second coat. If applying over an old varnish, thoroughly sand the surface and remove any stains, grease, or dust. Test adhesion in a small, inconspicuous area before sealing the entire surface.

PROPERTIES

High resistance to abrasion and scratches High resistance to water and household cleaning agents Unaffected by ultraviolet light (no yellowing) Remarkably enhances the color of cement-based microcement coatings

MIXING

Shake containers before use. Mix the two components by mechanical stirring in a 50% proportion. Proper mixing will prevent the appearance of craters or differences in brightness due to poor dispersion. The packaging of both components is designed to respect the correct mixing proportions.

COVERAGE

70-80 square feet per kilogram

Technical Data

Color:	Colorless (on dry film)
Appearance	Satin, matte, or gloss
Konig Hardness (14 days of drying):	120 seconds

CHARACTERISTICS OF COMPONENT A

Hydroxylated acrylic resins

Solids: 40%

CHARACTERISTICS OF COMPONENT A

Hydroxylated acrylic resins

Solids: 40%

CHARACTERISTICS OF COMPONENT B

Isocyanate aliphatic Solvents: Esters, ketones, and aromatics Solids: 39%

POT LIFE

The catalyzed mixture (Component A + Component B) has a pot life of 1 hour at 20°C.

STORAGE CONDITIONS

Store the product in its original, sealed packaging, protected from weather conditions at temperatures between 10°C and 30°C in a dry, well-ventilated place, away from direct heat and sunlight. The shelf life is 1 year from the date of production if stored under proper conditions.

CLEANING OF TOOLS

Tools should be cleaned immediately after use with water and soap.

HEALTH & SAFETY

This product is highly flammable and can cause irritation to the eyes and skin. Prolonged exposure may cause skin dryness or cracking. Vapors may cause drowsiness and dizziness. In case of eye contact, rinse with plenty of clean, cool water for at least 15 minutes and seek medical assistance. If skin contact occurs, wash with soap and water. Never use solvents or thinners. If ingested, seek immediate medical attention and do not induce vomiting. Ensure good air circulation during application, use a mask with a chemical absorbent, safety glasses to avoid splashing, and rubber gloves. Dispose of empty containers in accordance with local regulations. Close the lid after each use to prevent the product from drying out or thickening. Keep out of reach of children.

PACKAGING

Available in 4 kg metal drums.

Pack Size

5Kgs



Data Reliability

All technical data provided in this document are based on laboratory tests. Actual performance may vary due to factors beyond our control.

Regional Compliance

Product specifications may vary based on local regulations. Please refer to the local Product Data Sheet for precise information.

Legal Disclaimer

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