MICROCEMENT · WATER-BASED PRIMER

Prime Seal 4061

Water-based penetrating primer and consolidator for microcement

APPEARANCE
Transparent
clear film when dry

1.03 g/cm³	21 ± 1 %	40–45 s	30–60 min	50–100 g/m²
Density (25 °C)	Solids (w/w)	Viscosity (Ford cup 4)	Dust-free (25 °C)	Consumption per coat

Product description

PRIME SEAL 4061 is a water-based, solvent-free, low-viscosity, self-crosslinking primer that penetrates deeply and gives very good intercoat adhesion on mineral surfaces. It is designed to consolidate microcement surfaces and improve adhesion before 2K OH-functional WB acrylic + dispersible HDI-trimer clear topcoats.

Application areas

- Microcement floors (over screed / levelling)
- Mineral surfaces: plaster, gypsum, brick, aerated concrete, stone, concrete
- Consolidation of dusting or highly absorbent mineral surfaces
- Adhesion bridge before WB 2K clear coats (PU / acrylic)

Advantages

- Penetrates deeply, consolidates and reduces dusting
- Very good intercoat adhesion on mineral surfaces
- Solvent-free – low VOC load
- Low MFFT (~0 °C) – film formation in cool conditions
- Can be diluted with 10–15 % water
- Low viscosity – roller or airless

Position in the system

Clear topcoat
2K WB clear coat (PU / acrylic)

Primer / consolidator — THIS PRODUCT
PRIME SEAL 4061 · 50–100 g/m² per coat

Microcement
Fully cured, dry and clean

Substrate
Screed / levelling or mineral surface

Microcement systems

Consolidating primer under WB 2K clear coats

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Technical data (at +20 °C)

Appearance	**Transparent–opaque (clear when dry)**	Dilution	**10–15 % water**
Density (25 °C)	**1.03 g/cm³**	Consumption	**50–100 g/m² per coat**
Viscosity (Ford cup 4, 25 °C)	**40–45 s**	Dust-free (25 °C / 50 % RH)	**30–60 min**
pH	**7.0–9.0**	Topcoat window	**ideally 4–16 h**
Solids content	**21 ± 1 % (w/w)**	Shelf life (20 °C)	**12 months**
MFFT	**approx. 0 °C**		

Application procedure

01

Surface preparation

Microcement must be fully cured, dry and clean. Remove oil, dirt, wax / polish residues and loose particles; on heavily dusting surfaces use an industrial vacuum and a dry cloth.

02

Mixing

Stir homogeneously before use. If required, dilute with 10–15 % water.

03

Application

Apply with a short-pile roller, brush or airless (thin coat). Normal absorbency: 1 coat. Highly absorbent / dusting: 2 coats – the 2nd once the 1st turns matt.

04

Topcoat

Apply the topcoat ideally within 4–16 h. If more than 24 h pass, sand lightly (P240–320) and remove dust.

Consumption
50–100 g/m²
Per coat, depending on the substrate; may increase on highly absorbent surfaces.

Number of coats
1–2 coats
1 coat on normal absorbency, 2 coats on highly absorbent or dusting surfaces.

Topcoat window
4–16 h
If over 24 h: light sanding (P240–320) and dust removal.

Important: stir the product homogeneously before use. Protect from frost and from temperatures above +30 °C.

Packaging

- 5 L / 10 L / 20 L plastic jerrycans (HDPE)

Storage

- Store at +5…+30 °C.
- Protect from frost and from temperatures above +30 °C.
- Typical stability in closed packaging: 12 months at +20 °C.

Safety

- Follow the Safety Data Sheet (SDS).

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LEGAL NOTE

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