Okatmos® EG 20

Fast-Setting, Solvent-Free Primer

- High bond strength across a wide range of absorbent and non-absorbent substrates
- Sanitizing properties to inhibit microbial interaction and reduce odor formation
- Fast-drying formulation for time-efficient installations
- Low-Emission Certified: EMICODE EC 1Plus classification ensures very low VOC emissions,
- supporting healthy indoor air quality
- Enhanced with Kiesel Breathe Easy Technology and anti-microbial protection
- Meets stringent criteria for environmental and indoor air quality performance
- Verified low-emission formulation
- Designed solely as a primer - EG 20 regulates absorbency, improves adhesion, and stabilizes the substrate
- Primer only - EG 20 is designed to regulate absorbency, improve adhesion, and stabilize the substrate before applying leveling compounds or adhesives.
- Part of Kiesel's system - Optimized for use with Kiesel products like Servoplan Ki
- VOC - 7.5 g/l

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DESCRIPTION

Okatmos® EG 20 is a solvent-free, very low-emission primer designed for use on both absorbent and non-absorbent substrates. It delivers high bond strength and features sanitizing and odor-inhibiting properties, making it ideal for preparing surfaces prior to the application of leveling compounds or adhesives. It is also suitable for application over solid, water-resistant adhesive residues.
⚠ Not suitable for use over water-soluble sulphite-based adhesives or bitumen-based residues.

SUBSTRATE PREPARATION

All substrates must be tested and prepared in accordance with the following standards and guidelines:

- VOB Part C, DIN 18 365 or DIN 18 356
- Current BEB publication: Assessment and Preparation of Substrates
- TKB-8 technical data sheet

Subfloors must be:

- Clean – free from dust, dirt, grease, oil, wax, paint, curing agents, sealers, or any surface treatments that could inhibit adhesion
- Dry and structurally sound – without cracks, loose areas, or signs of deterioration
- Flat and level – in accordance with flooring manufacturer's tolerances
- Free from loose debris and weak surface layers – mechanical cleaning (e.g., vacuuming, sanding, grinding) may be required depending on the substrate

Important: Remove all layers or contaminants that may compromise the bond. Any existing adhesive residues must be solid, water-resistant, and well-bonded. Substrates that are soft, friable, or incompatible must be removed or properly prepared using appropriate Kiesel-approved methods and materials.

PROCESSING

1. Prepare the Surface

- Ensure the substrate is clean, dry, and structurally sound
- Refer to DIN 18 365 / 356, BEB guidelines, and TKB-8 standards

2. Application Method

- Apply evenly using a suitable roller or brush
- Avoid puddles and thick layers — thin, consistent film only

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3. Dilution Guidelines

Substrate Type	Dilution Ratio
Standard absorbent substrates	1:1 (primer : water)
Gypsum-based screeds	Up to 1:3 (primer : water)
Non-absorbent or wood	Apply undiluted

Sanitizing effect remains effective at dilutions up to 1:1.

4. Drying Time

- Allow the primer to dry completely before applying leveling compounds
- Drying time ranges from 30 minutes to 3 hours, depending on temperature, humidity, and substrate porosity
- For wood or calcium sulphate-based substrates, allow a minimum of 24 hours

5. Compatibility

- Only proceed with installation using Kiesel-approved leveling compounds and adhesives
- Ensure primer is fully dry and visually clear before continuing

SPECIFICATIONS

Color	White
Application	Interior use only
Minimum floor temperature	+17°C / 63°F
Drying time*	Approx. 0.5–3 hours Wood: 24 hours Calcium sulphate/dry screeds: min. 24 hours
Floor heating system	Suitable
GISCODE	D 1 (TRGS 610)
EMICODE	EC 1^{Plus} (GEV) – Very low emissions
VOC-marking	7,5 g /L
Storage	12 months in dry, climate-controlled conditions

* Drying time values based on +20°C (68°F) and 65% RH.
Higher temperatures and lower humidity reduce drying time; lower temperatures and higher humidity extend it.

COVERAGE

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Application Method	Dilution	Coverage Rate	Coverage per 10 kg	Coverage per 5 kg
Roller / Brush	Undiluted	100–150 g/m^2	66–100 m^2 (710–1,076 ft^2)	33–50 m^2 (355–538 ft^2)
	Diluted 1:1	75–100 g/m^2	100–133 m^2 (1,076–1,432 ft^2)	50–66 m^2 (538–710 ft^2)
	Diluted up to 1:3	As low as 50–75 g/m^2	Up to 133–200 m^2 (1,432–2,153 ft^2)	Up to 66–100 m^2 (710–1,076 ft^2)

Actual coverage may vary depending on substrate porosity, surface profile, dilution ratio, and application method.

CLEANING

Clean all tools and application equipment immediately after use with water.
Do not allow the product to dry on tools, as removal will become significantly more difficult.

PACKAGING

Description	Item No.	
60 × 10 kg/ 2.49 U.S. gal/ 9.42 Liters plastic canister	80043	4015705800431
96 x 5 kg/ 1.245 U.S. gal/ 4.71 Liters plastic canister	49025	4015705490250

SAFETY NOTICE

Storage s Shelf Life

- 12 months shelf life in dry, climate-controlled conditions
- Protect from frost and direct sunlight
- Reseal partially used containers tightly

Limitations

- Not designed for use as a moisture barrier
- Not suitable as a stand-alone product under impermeable coverings
- Should not be used with non-Kiesel adhesives or systems, unless compatibility is verified

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The aforementioned information, especially the proposals for processing and utilizing our product, is based on our knowledge and experience. We recommend that you carry out your own tests in every case to ensure the suitability of our products for the intended process and processing purposes because of the different materials and the working conditions which lie beyond our area of influence. No liability can be derived from this advice or from verbal advice, unless we are responsible for (criminal) intent or gross negligence in this respect.

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