



Reinforcement primer

SCUDO

Floor Line



Decoupling reinforcement base for lime floors

SCUDO: pozzolanic primer; the product is designed for substrate preparation: waterproofing in accordance with EN 14891:2012, decoupling and reinforcement, especially for the DomusLime decorative flooring system. Ideal for green building. Low CO2 emissions and very low volatile organic compound emissions. Can be recycled as aggregate once hardened. SCUDO, pozzolanic primer that allows you to quickly obtain smooth and especially even surfaces with high mechanical resistance. This enables the subsequent laying of all types of flooring.

Colour: Grey/Brown



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TECHNIQUES ACCORDING TO THE QUALITY STANDARD

Appearance	Grey/brown
Bulk density	approx. 1 kg/dm
Mineralogical composition of the aggregate	Pozzolan Silicate Crystals
Grain size	approx. 0-200 µm
Storage	9 months
Packaging	10 kg tin
Miscibility	Water
Specific weight of mass	approx.1 kg/dm
Paste workability	8 hours
Self-levelling	No
Processing temperature	+10° max +30°
Minimum thickness	1 millimetre
Maximum thickness	2 millimetres
Accessibility after	4-8 hours
Waiting time for subsequent laying	12/24 hours with 2mm.
Coverage	1 kg/m ² 1mm
Mixing ratio	3 /3.5 litres of water per bucket
Performance	
Bonding on screed or Domuslime primer after 28 days	≥ 1.5 N/mm ²
Compressive strength	
After 24 hours	≥ 4.0 N/mm ²
After 7 days	≥ 12 N/mm ²
Compressive strength after 28 days	≥ 30 N/mm ²
Flexural tensile strength after 28 days	≥8 N/mm ²
Abrasion resistance after 28 days	≤ 700 mm ³
Surface hardness after 28 days	≥ 32 N/mm ²

Fields of application

Universal basic levelling agent for lime floors with irregular and uneven substrates, fast setting and drying. Volatile organic compound. Thicknesses of 1 to 3 mm are possible with a pozzolan base. Compatible mortars and adhesives: mineral screeds, organic mineral 1- and 2-component adhesives, thin-bed cement mortars, epoxy and polyurethane 1- and 2-component reaction adhesives, water- and solvent-based dispersion adhesives. Can be used directly on: porcelain stoneware, ceramic tiles, clinker, terracotta and any type and format of natural stone, artificial stone, protective resins for concrete.

Coverage

Depending on the roughness of the substrate, approx. 1 kg dry mortar/m² 1 mm (determine exact consumption quantities by carrying out a test application on the surface).

Coverage is indicative; coverage may vary depending on the type of substrate or substrate preparation or the manual skill of the installer.



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Bucket

10kg.

Substrate preparation

The substrate must be clean, free of dust, oil and grease, free of rising damp and free of crumbling and loose parts. The substrate must be stable, non-deformable and free of cracks. The drying process and subsequent moisture shrinkage must already be complete. Smooth and slightly absorbent substrates and non-absorbent substrates such as ceramics, epoxy paints, vinyl adhesives and smooth concrete, which are compact and well bonded, must be prepared with mechanical sanding and the application of ecological, water-based 0-0 primer according to the instructions for use.

We always recommend applying DomusLime SCUDO pozzolanic primer together with our reinforcement mesh.

Processing: at least + 10 °C - max 30°. Exceeding these temperatures during the curing phase can have a lasting negative effect on the product's properties. In the case of high temperatures (and/or wind load), additional measures are required to prevent the mixing water from being absorbed too quickly.

With the DomusLime flooring system, the maximum permissible moisture content (≤ 1.9 CM-%) must be confirmed by a CM measurement on the entire screed section prior to floor covering work.

Mortar preparation

Mix the product dry for at least 5 minutes at high speed with a motorised whisk, so that the material absorbs air and lumps can dissolve.

Mix in a clean bucket of dry mortar with 3.0-3.5 litres of water using a motorised whisk; mix well again for 5 minutes of curing.

Processing

Lay the mesh on the floor, overlapping it by 10 cm. Then apply a coat of Primer 0-0 with a roller to consolidate the mesh on the surface. Spread SCUDO pozzolanic primer on the floor/walls. Use the large trowel or a spatula to spread the layer of SCUDO pozzolanic primer evenly. If necessary, level out any unevenness in the substrate. Make sure that the surface is smooth and free of joints.

Tool cleaning

Clean tools with water immediately after use.

Processing and substrate temperature

Material, air and substrate temperature min. + 10 °C max. + 30 °C

Other

All data contained in this data sheet are based on our knowledge and experience and also serve to ensure normal intended use. The user is responsible for checking the suitability and use of the product and is not released from this responsibility. Processing instructions that are not clearly stated in the installation instructions are carried out at the user's own risk. The product is specifically intended for use in combination with other products.



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Storage

In a dry place approx. 9 months

Quality control

Colorificio AD

Continuous monitoring of production in the laboratory

Sace Components

Safety

SCUDO pozzolanic primer contains pozzolan and therefore has an alkaline reaction when wet. Avoid contact with eyes and skin. Wear protective gloves and goggles. Protect eyes and skin. Wash off any splashes on the skin immediately. In case of contact with the eyes, rinse immediately with plenty of water and consult a doctor. Keep product out of reach of children.

 CO ₂ ≤ 250 g/Vol	 Low Emission IAQ Indoor Air Quality	 Recyclable
		
CO ₂ Emissionen pro kg 145 g	Sehr geringe VOC- Emissionen	Als Zuschlag recyclebar



Lime and pozzolan skim coat for interior use