

Mikrosfera

Light fine-grained filler



- Water-based
- Ready to use in a variety of applications
- Easy to apply and smooth up to 3 mm thick layer
- Excellent vapor permeability, quick drying, no cracking, elastic
- Low water absorption ensures lower paint consumption
- Easy to sand, less dust
- Lightweight, convenient to use and transport
- Suitable for sustainable construction

USE

Ready to use light fine-grained polymeric filler for interior use.

For levelling concrete, plasterboard, plaster and other mineral surfaces before water-based paints and wallpaper. The light fine-grained filler MIKROSFERA is suitable for manual application and MIKROSFERA S for spraying or rolling.

Recommended for both initial (on rough surfaces) and final smoothing.

SURFACE PREPARATION

The surface must be dry, capable of withstanding loads, stable and clean. Prime highly or un evenly absorbent surfaces with deep primer IGIS AG.

FILLING

Stir well before use. Apply the second layer only when the first layer is completely dry. Before painting sand the filled surface and remove the dust.

Work tools: spatula, roller, airless spraying gun

Tool cleaning: with water

Application conditions: +10 °C to +25 °C and 35-80 % relative humidity

Coating thickness: 3 mm

Coverage rate: 1 m²/l for 1mm thick layer

Drying time (23 °C, 50 % RH): 1 mm dries in 3-4 hours and gains full strength in 28 days. Drying time depends on surface, layer thickness, air temperature and humidity, etc.

WASTE MANAGEMENT

Do not pour into drains, water or soil. Empty, dry product package should be recycled or disposed of in accordance with national law.



TECHNICAL DATA

Purpose:	for interior use, dry areas
Binder:	acrylic copolymer
Filler:	dolomite, perlite
Solvent:	water
Color:	white, yellow white
Density:	~1,0 g/cm ³ EN ISO 2811-1
Particle size:	<0,150 mm
pH:	8,0-9,0
Quality standards and certificates:	emission class M1 for building materials, CE marking EN 15824, EN 13963
VOC and SVOC:	<0,5 g/l and <0,5 g/l EN ISO 11890-2
Formaldehyde concentration in filler:	VdL-RL 03: 3 ppm or (3x10 ⁻⁴)%
Non-volatile-matter content:	48,0-50,0 % EN ISO 3251
Reaction to fire:	A2-s1,d0 EN 13501-1
Adhesion:	MPa ≥0,3 EN 1542
Non-existence cracks:	no cracks EN 13963
Shelf life in tightly closed original packaging:	1 year from the date of manufacture
Storage and transportation conditions:	store the product tightly closed in dry well-ventilated place at a temperature of +5 °C to +30 °C, protect against from damage, frost and direct sunlight.
Packing:	MIKROSFERA 1 l, 3 l, 10 l, 17 l buckets, 17 l bags MIKROSFERA S 17 l buckets, 17 l bags

ADDITIONAL INFORMATION

The information above is based on laboratory tests and practical experience, and has been validated from the date indicated on the product data sheet. The manufacturer reserves the right to make technical changes. The manufacturer is not liable for damage caused by using the product not in accordance with the instructions or for improper purposes.

MANUFACTURER

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