

PRODUCT DATA SHEET

Makrosfera

Light coarse-grained filler



- Perfectly fills larger irregularities
- Levels rough surface
- Water-based
- Ready to use in a variety of applications
- Easy to apply and smooth up to 5 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 coarse-grained polymer filler for interior use.

The light coarse-grained filler **MAKROSFERA** is suitable for manual application and **MAKROSFERA ROLL&SPRAY** for spraying or rolling.

For the first levelling layer of roughly plastered and other mineral surfaces.

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: 5 mm

Coverage rate: 1 m²/l for 1mm thick layer. The exact coverage rate is determined by covering the test area.

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:	<0,200 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:	>0,3 MPa 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:	MAKROSFERA 10 l, 17 l pails, 15 l sacks MAKROSFERA ROLL&SPRAY: 15 l sacks

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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