

# 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
- Environment and health friendly

## 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 S** 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 even absorbent surfaces with deep primer IGIS AG.

## FILLING

Stir well before use. Apply the second layer only when the first layer is completely dry. Do not prime before painting, only remove the dust.

<b>Work Tools:</b>	spatula, roller, airless spraying gun
<b>Tool cleaning:</b>	with water
<b>Application conditions:</b>	+10 °C to +25 °C and (35–80) % relative humidity
<b>Coating thickness:</b>	5 mm
<b>Coverage rate:</b>	1 m <sup>2</sup> /1l for 1mm thick layer
<b>Drying time (23°C, 50% RH):</b>	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.

## UTILISATION

Do not pour into drains, water or soil. Empty, dry product package should be recycled or utilised according to national law.



## TECHNICAL DATA

<b>Purpose:</b>	for interior use, dry areas
<b>Binder:</b>	acrylic copolymer
<b>Filler:</b>	dolomite, perlite
<b>Solvent:</b>	water
<b>Color:</b>	white, yellow white
<b>Density g/cm<sup>3</sup></b>	~1,0 EN ISO 2811-1
<b>Particle size, mm:</b>	<0,2
<b>pH (20°C):</b>	8,0 - 9,0
<b>Quality standards and certificates:</b>	CE marking EN 15824, EN 13963
<b>VOC and SVOC:</b>	<0,5g/l / <0,5g/l EN ISO 11890-2
<b>Formaldehyde concentration in filler:</b>	VdL-RL 03: 3 ppm or (3x10 <sup>-4</sup> ) %
<b>Non-volatile-matter content, %:</b>	48,0-50,0 EN ISO 3251
<b>Reaction to fire:</b>	A2-s1,d0 EN 13501-1
<b>Adhesion:</b>	MPa ≥0,3 EN 1542
<b>Non-existence cracks:</b>	no cracks EN 13963
<b>Shelf life:</b>	tightly sealed packaging - 1 year from date of manufacture on the packaging
<b>Packing:</b>	<b>MAKROSFERA</b> 1l, 3l, 10l, 17l buckets, 17l bags <b>MAKROSFERA S:</b> 17l buckets, 17l 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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