



## KEMASAN 537 F (1,0/0,6)

Cement free mineral fine plaster with natural hydraulic lime as binding agent

- ▶ Highly diffusive
- ▶ Low tension
- ▶ Mineral plaster for inside and out
- ▶ Can be applied by hand or machine.



<b>PRODUCT DESCRIPTION</b>	<p><b>Cement-free, mineral fine plaster with natural hydraulic lime as binding agent. Can be used both in historical buildings as well as in modern objects in relation to a healthy living ambience.</b></p> <p><b>Natural hydraulic lime (NHL 3.5 according to EN 459-1), hydrated lime, lime sand, minimal additives of cellulose for easier application. Free of Portland cement, organic binding agents and hydrophobic additives.</b></p>
<b>FIELD OF USE</b>	<p>For manual or machine plastering of absorbent mineral substrates, such as lime and cement plasters, preferably on KEMASAN NHL M or KEMASAN NHL G.</p>

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| <b>PRODUCT PROPERTIES</b> | <ul style="list-style-type: none"> <li>• Highly diffusive</li> <li>• Low tension</li> <li>• Mineral plaster for inside and out</li> <li>• Can be applied by hand or machine.</li> </ul> |
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PRODUCT DATA			
BASIC INFORMATION	Appearance	Grey - Brown dust	
	Packing	25 kg bag	
	Storage and expiration date	Can be stored dry in foil on pallets for 6 months.	
TECHNICAL DATA	Standard classification	GP/CSI/W0	ÖNORM EN 998-1
	Maximum particle size:	0.6 / 1 mm (available in 2 versions)	
	Dry bulk density:	approx. 1250 kg/m <sup>3</sup>	
	Water requirement:	approx. 8.0 liters/25kg bag	
	Material consumption:	approx. 2.5 kg/m <sup>2</sup> /0.2cm	
	Yield:	approx. 10 m <sup>2</sup> /0.2cm/25 kg bag	
	Compressive strength (28d):	approx. 1.5 N/mm <sup>2</sup>	EN 1015-11
	Flexural strength (28d)	approx. 0.6 N/mm <sup>2</sup>	EN 1015-11
	Compressive strength (180d):	approx. 2.5 N/mm <sup>2</sup>	EN 1015-11
	Flexural strength (180d)	approx. 1.6 N/mm <sup>2</sup>	EN 1015-11
	Minimum plaster thickness:	2 mm	
	Fire behavior	A1	EN 13501-1
	E-module:	< 1500 N/mm <sup>2</sup>	



## INSTRUCTIONS FOR USE

<b>BASE PREPARATION</b>	Basic testing of the plaster has to take place in accordance with the guidelines of ÖNORM B 3346. The substrate must be dry, clean, frost-free, dustless, not water-resistant, free of efflorescence, able to bear weight, and free of loose parts. Before applying KEMASAN NHL F, the substrates must be sufficiently pre-wetted, otherwise there is a risk of fire! Poorly absorbent or sintered substrates must first be treated with KEMASAN NHL ES.
<b>MIX RATIO</b>	approx. 8.0 liters/25kg bag
<b>MIX TIME</b>	3 - 5 minutes
<b>MIX TOOL</b>	Gravity mixer or whisk
	Mix one bag with approx. 8 l pure water, by means of gravity mixer or whisk. Mixing time 3-5 minutes. Alternatively, a conventional plastering machine can also be used. KEMASAN NHL F is generally applied in two layers (max. 2 - 3mm per layer thickness). The first layer serves as a smoothing layer, the second is applied fresh. After a standing time of approx. 5 - 10 minutes, slightly wet and then distribute with a sponge float. A standing time of at least 5 days is to be maintained before each further coating.
<b>CLEANING OF TOOL</b>	After application clean tools with clear water.

## LIMITATIONS

<b>BASE TEMPERATURE</b>	+ 5 °C to + 30°C
<b>AIR TEMPERATURE</b>	+ 5 °C to + 30°C
<b>MATERIAL TEMPERATURE</b>	+ 5 °C to + 30°C