

# Baumit MultiFine RK 70 N

## Lime Render for Internal & External Use



- **Natural white lime render**
- **Suitable for internal and external use**
- **High breathability**

### Product Overview

Natural white, lime render with notable hydraulic additives. For internal and external use. Also suitable as a bonding coat on more challenging surfaces. It can be used over new substrates as well as prepared older surfaces. It's high breathability makes it ideal for high moisture areas and can be finished in a range of techniques. Part of the Baumit Klima range of products for healthy living.

### Composition

Sand, lime, hydraulic lime, trass lime and additives to improve workability and adhesion.

### Properties

- A lime render which fulfills the physical and biological considerations within the built environment.
- Easy to use lime render with a range of uses.
- Once cured, the product has good bonding strength, is water vapour permeable and resistant to weathering, water ingress and frost penetration.
- For use in external and internal areas.
- Good for machine application, easy to apply and possible to create many textures.

### Application

#### Mixing:

Empty bag contents into clean water in a tub and mix with an electric hand mixer to a lump-free, creamy consistency. Alternatively, an appropriate render spraying machine can be used. For more information contact the Baumit technical team.

Leave to stand for 5 minutes and remix with the hand mixer.

Working time: approx. 1.5 hours.

Material which has started to set must not be remixed with water. Mixing with other products (e.g. anti-freeze or accelerating agents) is not permitted.

#### Basecoat and reinforcement:

Apply 4mm of Baumit Multifine RK70 N to StarTherm Nature insulation boards with a stainless steel notched trowel (10mm notches). Continuous sheets of StarTex reinforcing mesh should be lightly smoothed over with a stainless steel trowel until little to no mesh is visible, before applying the second pass "wet on wet", free of creases and with 100mm overlapping edges. A further 2mm of Multifine RK 70 N is applied "wet on wet" over the embedded StarTex reinforcing mesh. The StarTex reinforcing mesh must be covered with at least 1mm of Multifine RK 70 N. Excessive trowelling is to be avoided. Trowel lines are to be removed after hardening. The overall basecoat thickness must be from 6mm – 10mm.

**Topcoat finish:** Baumit MultiFine RK 70 N as a fine topcoat finish plaster is applied onto the basecoat and smoothed out flat with a trowel or spatula to a min. thickness of 2 mm. Upon setting the surface can be lightly rubbed over with a fine sponge float in tight circular motions to produce a fine, plain finish. A particularly smooth finish can be achieved by applying another thin coat of the contact mortar the following day. Other finishing techniques such as freestyle texturing, soft brushing etc. are also possible. A paint finish may be applied if required

Nominal thickness (mm): 6

Minimum thickness as topcoat (mm): 2

Maximum thickness (mm): 10

Position of reinforcing mesh: Top Third

Do not use as an adhesive or basecoat onto StarTherm Nature insulation boards externally.

### Technical Data

Reaction to fire:	A2 s1 d0
Compression strength:	1.5 N/mm <sup>2</sup> - 5 N/mm <sup>2</sup>
Adhesive tensile strength:	≥ 0.08 N/mm <sup>2</sup>
μ-value:	app. 5
Thermal conductivity:	≤ 0.820 W/mK

	Baumit MultiFine RK 70 N
yield	8.9 m <sup>2</sup> /bag at a thickness of 2mm
yield	2.9 m <sup>2</sup> /bag at a thickness of 6mm
Grain	0.6 mm
Consumption	app. 1.4 kg/m <sup>2</sup> /mm
Water requirement	7 l/bag - 8 l/bag



<b>Delivery Format</b>	25 kg bag, 1 pallet = 42 bags = 1050 kg
<b>Storage</b>	Can be stored on pallets well wrapped and protected for up to 12 months.
<b>Quality Assurance</b>	Internal quality assurance is provided by the manufacturer's plant.
<b>Classification according to the Chemicals Act</b>	Gather the detailed classification from the Safety Data Sheet (according article 31 and annex II of the regulation No. 1907/2006 of the European Parliament and –Council from 18.12.2006) at <a href="http://www.baumit.com">www.baumit.com</a> or request the Safety Data Sheet at the respective production plant.
<b>Substrate</b>	<p>Suitable substrates include lime/lime-cement render, various masonry types and StarTherm Nature insulation boards internally. Peeling paint, lime wash, grease stains (from shuttering), other contaminants and film forming layers must be removed. Any cracks are to be scraped open with a pointed tool to form a “V” groove.</p> <p>High absorption substrates must be pretreated with Baumit MultiPrimer.</p> <p>Low suction substrates must be pretreated with Baumit SuperPrimer.</p> <p>Friable basecoats are to be pretreated with a stabiliser such as Baumit SanovaPrimer.</p> <p>Algae and mould growth must be removed with Baumit FungoFluid.</p>
<b>Substrate pre-treatment</b>	The substrate must be clean, dry, frost-proof, dust-free, not water repellent, free of efflorescence and free of loose part.
<b>Processing</b>	<p>Can be used as a topcoat layer onto Baumit MC55 W, Baumit RK 38, and Baumit RK 39.</p> <p>Can be used as a reinforcement coat onto Baumit NHL Thermo, Baumit RK 38, and Baumit RK 39</p>
<b>Notes and General Information</b>	<p>The air, material and background temperature must be above +5° C during application and curing. Protect the facade from direct sunlight, rain and strong winds (i.e. with scaffold nets).</p> <p>In hot and/or windy weather dampen the finished work at regular intervals with a water mist sprayer to aid hydration. High air humidity and low temperatures can prolong drying times considerably.</p> <p>Clean tools with water.</p> <p>Protect other materials such as glass, ceramics or metal etc from contamination with appropriate coverings.</p>

Written and oral application technology recommendations provided by us to assist the seller/processor are based on our experience and reflect the current state of the art in science and practical application know-how. However, it is understood that these recommendations are non-binding. They do not create any legal relationship or any ancillary obligations in connection with the sale contract. They do not release the buyer from its obligation to verify the suitability to our products for the intended purpose or use by itself.