

# MONOKAPA FLEX

Elastic 100% acrylic water-resistant ready to use render.

## Description

MONOKAPA FLEX is 100% acrylic and highly flexible render. Features high colour stability following the drying process and limitless colour options in various final textured surfaces. Hassle-free application with trowel or rendering machine. Optimum adhesion to the substrate. A balanced formulation and high quality raw materials provide MONOKAPA FLEX with outstanding qualities in application, individual design, extremely low water absorption and exceptional resistance to mechanical stresses.

## Application examples

It is applied to all building materials such as: Exterior thermal insulation systems made of mineral wool, expanded and extruded polystyrene, concrete, plaster, cement boards, plasterboard, painted surfaces, silicone paints, silicate paints, acrylic paints, acrylic MDF. etc. Replaces the final coat of plaster and paint. Can be used for indoor and outdoor applications.

## Advantages

- High elasticity resulting in minimizing cracking effects.
- For indoor and outdoor use.
- Excellent transpiration
- Highly resistant to algae and bacteria
- Highly resistant to water
- Excellent behaviour under all weather conditions and ultraviolet radiation.
- Wide colour range
- Excellent colour stability.
- Excellent workability
- High bonding properties

## Technical Specifications

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Density: 1.80 ± 0.03 Kg/L

Available granularity sizes: 1,0 mm, 1,5 mm, 2,0 mm

Colours: 1.000 hues from Bauer colour index and infinite other colour mixures

Water vapor permeability: V2

Water absorption: W3

Thermal conductivity:  $\lambda=0.7$  W/m K

Reaction to fire: Class A2-s1,d0

## Substrate surface preparation

Make sure that surfaces are level and sufficiently firm. Remove loose or detached fragments, dirt, oil, dust etc. Prior to material application, provide suitable preparation of the substrate and apply adhesion improving agent BAUER PRO 101. This way, uniform drying is ensured, resulting in uniform coating colour to all over the plastered surface.

## Mixture preparation

The material is ready for use after thorough stirring of its whole mass.

## Instructions for use

### 1) Application by hand

Apply plaster using stainless steel or plastic spatula, depending on plaster's texture and finish requirements, other suitable tools may be used as well, e.g. brush, trowel, round brush, scraper etc. During application, avoid development of cavities. Thoroughly clean application tools before use to avoid development of spots on the surface.

### 2) Application by spraying machine

MONOKAPA FLEX plaster can be also sprayed by mortar blaster. The application technique and the tools used may allow the development of considerable variety of the top surface.

Application is not recommended under extreme sunlight (temperature above 35°C) or rainfall and days when temperature is expected to drop below 5°C. After use remove material residues from tools using water while material is still fresh, or by other methods e.g. sanding or scraping when material has dried.

## Curing time

Drying time depends on ambient temperature and relative humidity. Indicatively at 20 °C and with relative humidity 65% the product dries on the surface in about 6 hours.

Complete drying of the product is achieved in about 14 days. Drying time is extended to lower temperatures and / or higher relative humidity.

## Maintenance

Plaster can be cleaned with water, using common household cleaning solutions. In case of using steam cleaners, the following conditions must be kept:

Water pressure: 30-40 bar  
Water temperature: up to 30 °C  
Distance from the spout: 30-50cm

### Product specifications

Waterproof plaster MONOKAPA is a certified organic plastering for exterior application, according to standard EN 15824.

### Consumption

MONOKAPA 1,0 mm F 1.8 Kg/m<sup>2</sup>  
MONOKAPA 1.5mm F 2.8 Kg/m<sup>2</sup>  
MONOKAPA 2.0mm F 3.5 Kg/m<sup>2</sup>  
MONOKAPA 3.0mm R 3.5 Kg/m<sup>2</sup>

### Packaging

Plastic can, 25 Kg

### Storage

Preferably in shady and sheltered area, protected against ice, high temperature and exposure to sunlight for at least 12 months. For more information regarding handling, storage and disposal of MONOKAPA plaster please refer to the EU material safety data sheet available to application professionals. The material's pot life is theoretically unlimited. Containers opened and reclosed may be reused after several months.

### Notes

Technical details, properties, recommendations and information on BAUER products are supplied in good faith. They are based on the company's research and experience, provided that they are stored and applied under normal conditions. As the method of using materials as well as project and environment conditions are beyond the control of the company in each individual application setting, the product user is held solely responsible for the result of application. No responsibility under any legitimate relationship can be substantiated against the company, based on the information set out hereunder. Product users are advised to refer to the latest revision of the technical manuals available.

### Other information

BAUER BUILDING TECHNOLOGIES  
Megara Industrial Estate, Attica  
Tel: +30 210 5744222  
Fax: +30210 5740777  
Email: info@netbauer.com  
http:// www.netbauer.com

Frankfurt, Reg. No 312310 QM  
Qualitätsmanagementsystem  
Zertifiziert nach DIN EN ISO 9001

