

Mapetherm Flex RP

PRODUCTS FOR THERMAL INSULATION

Who says you can't play on ETICS?

Traditional levelling mortar



Mapetherm
Flex RP



Mapetherm Flex RP

Mapetherm Flex RP is a ready-mixed, cement-free flexible skimming base coat that is extremely elastic and resistant to biological attack of mould and algae.

Mapetherm Flex RP is excellent for repairing deteriorated insulating systems and/or micro-cracked render and to form reinforced skim coats on insulating panels and thermal insulation systems.

Mapetherm Flex RP has been developed by the MAPEI Research & Development laboratories and has the following characteristics:



HIGH ELASTICITY

thanks to the use of **innovative resin**;



HIGH IMPACT STRENGTH

impact loads are dissipated by its **elastic structure**;



HIGH ADHESION STRENGTH

Mapetherm Flex RP adheres perfectly to **insulating panels, old and new render, organic and cementitious skimming compounds, paint and coatings**, including those that are deteriorated, as long as they are sound, well bonded to the substrate and do not suffer from rising damp;



HIGH RESISTANCE TO MOULD AND ALGAE

thanks to the **BioBlock®** technology;



COLOURABLE

thanks to the **ColorMap®** automatic colouring system.

Mapetherm Flex RP is available in two grades with different particle sizes: 0.5 mm and 1.5 mm for different requirements and uses.

1.5 mm PARTICLE SIZE:

Used in combination with **Mapetherm Net** it is ideal for reinforced levelling coats on walls and insulating panels, especially when work needs to be completed quickly; no primer or curing are required before applying the finishing product. Recommended for repair work on thermal insulation systems, as long as they are well bonded.

0.5 mm PARTICLE SIZE:

Used in combination with smooth textured finishing products, for the **Mapetherm** system for external applications; in interiors it is excellent for levelling micro-cracked and uneven walls. Where required, **Elastocolor Net** mesh may also be incorporated to form reinforced levelling coats to contain cracked areas, including widespread cracking.

Technical data		
Product identity		
Particle size:	0.5 mm	1.5 mm
Density (g/m ³):	1.45	1.50
Dry solids content EN ISO 3251 (%):	80	80
Consistency:	paste	
Application:	stainless steel trowel	
Consumption (kg/m ²):	1.9 - 2.1 per 1 mm	4.0 - 5.0 per 3-4 mm
Application temperature range:	+5°C to +35°C	
Vapour diffusion resistance coefficient (μ) EN ISO 7783-2:	256	250
Resistance to mould and fungus EN 15457:	no growth	
Resistance to mildew EN 15458:	no growth	

Mapetherm Flex RP 1.5 mm obtained the maximum values during tests to measure its resistance to impact from a hard body carried out according to EN ISO 7892 standards at the ITC (Institute of Construction Technologies) in compliance with ETAG 004.

Where to use

REPAIR WORK



Apply a first coat of **Mapetherm Flex RP**



Place **Mapetherm Net** in position



Finishing coat of **Mapetherm Flex RP** with a sponge float

FINISHING COAT



Apply a coat of **Silancolor Paint Plus** over **Mapetherm Flex RP** 0.5 mm with a roller



Apply **Elastocolor Tonachino Plus** over **Mapetherm Flex RP** 1.5 mm with a trowel

Thermal insulation

Even though protection for masonry buildings is still entrusted to the use of textured paint and coating products, thermal insulation systems are becoming increasingly widespread and, apart from offering protection from bad weather, they help contain energy losses, which are both costly and increase the level of CO₂ emissions. This type of system, however, which has been adopted for several decades, needs to be maintained, and sometimes special maintenance interventions are required. In the worst cases the entire system may need to be completely removed and replaced.

In the case of normal maintenance, or if the damage or deterioration has been identified in time, it is possible to carry out repairs using technologically suitable products and, if applied by skilled workers, the intervention will be reliable, durable and economically advantageous.

It is within this context that MAPEI proposes **Mapetherm Flex RP**, a new product with exclusive, versatile characteristics that has been successfully used to carry out repair and maintenance work that is efficient and has an aesthetically pleasing finish.



Exclusive Mapei technology to identify products for rapid installation of floor and wall coverings



Resistance to mould and algae thanks to the use of BioBlock® technology



Low density because it is made lighter by adding tiny glass beads





● Technical documentation

From the technical area menu you can view the technical documentation divided per product lines and type of document.

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