



MapeWall GPR



**General purpose
render for internal
and external use**



WHERE TO USE

MapeWall GPR is suitable for rendering and levelling internal and external masonry substrates, in thicknesses up to 15 mm per layer, up to a overall maximum thickness of 40 mm.

MapeWall GPR enables surfaces to be finished in one of the products from the MAPEI range of coatings

Some application examples

- Smoothing walls.
- Dubbing out mortar.
- Render only with sponge finish.
- Render only with silicone and mineral finishes.

TECHNICAL CHARACTERISTICS

MapeWall GPR is a grey powder composed of cement, selected aggregates and special synthetic resins, which when mixed with water provides a render that is easy to apply on suitably prepared masonry substrates. MapeWall GPR can be applied by hand or with a rendering spray machine.

RECOMMENDATIONS

MapeWall GPR must never be used on gypsum or gypsum-based surfaces.

APPLICATION PROCEDURE

Preparing the substrate

The substrate must be compact, free of dust, oil, grease and paints.

If in doubt please contact MAPEI Technical Services dept.

MapeWall GPR can be applied to damp substrates; however the drying time will be extended.

Highly absorbent or poorly keyed surfaces must be dampened down or a suitable primer applied.

Preparing the mix

MapeWall GPR should be mixed with clean water and stirred until smooth using a mechanical paddle mixer.

MapeWall GPR is suitable for application with rendering spray machines.

One 25 kg bag of MapeWall GPR should be mixed with between 5.0 and 5.5 ltrs of clean potable water and the mixed product remains usable for 1 to 3 hours.

Applying the mix

Apply by trowel or machine. Uneven substrates may require a first coat to build out the thickness required. Level off with a straight edge or darby. The system can be reinforced with MAPEI Mapetherm Net to help prevent cracking. When



Mixing



1st base coat



Mesh reinforcement

TECHNICAL DATA (typical values)

PRODUCT IDENTITY

Consistency:	powder
Colour:	grey
Density kg/m ³ :	1,400
Dry solid content (%):	100

APPLICATION DATA (at +23°C and at 50% R.H.)

Mix ratio:	20-22 parts water by weight
Consistency of mix:	very pasty
Density of mix (kg/m ³):	1,830
pH of mix:	aproximately 12
Pot life:	1-3 hours
Application temperature:	from + 5°C to +30°C
Thickness possible for one coat (mm):	10-15 mm
Waiting time before painting:	> than 7 days

FINAL PERFORMANCE

Adhesion to substrate (brick) N/mm ² :	0.4 failure mode (FP) = B
Resistance to alkalis:	excellent
Resistance to oils:	excellent except vegetable oil
Resistance to solvents:	excellent
Temperature range when in use:	from -30°C to +90°C
Strength:	class III
Water absorption class:	W2
Thermal conductivity ($\lambda_{10, dry}$) W/m·k:	0.67 (P = 50%)
Resistance to fire:	A1

Mapetherm Net is applied, it must be embedded in the top third of wet **Mapewall GPR** then level off with a straight edge or darby.

It is inadvisable to apply in direct sunlight or when the temperature is below +5°C and falling or above +30°C.

The render can be finished with products from the MAPEI range, allow sufficient drying time before application. This will be dependent upon relative humidity at the time of application.

Cleaning

Tools can be cleaned with water before the product sets.

PACKAGING

MapeWall GPR is supplied in 25 kg bags.

STORAGE

MapeWall GPR in its original unopened packaging can be stored in a dry area for a maximum period of 12 months.

The product complies with the conditions of Regulation (EC) N° 1907/2006 (REACH), Annex XVII, item 47.

CONSUMPTION

A 25 kg of **MapeWall GPR** will cover an average of 1.5 m² at 10 mm thick or each 1.6 kg of material will cover 1 m² per mm of thickness.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

MapeWall GPR contains cement that when in contact with sweat or other body fluids causes irritant alkaline reactions and allergic reactions to those predisposed. It can cause damage to eyes. During use wear protective gloves and goggles and take the usual precautions for handling chemicals. If the product comes in contact with the eyes or skin, wash immediately with plenty of water and seek medical attention.

For further and complete information about the safe use of our product please refer to the latest version of our Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

LEGAL NOTICE

The contents of this Technical data Sheet (“TDS”) may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in force at the time of the MAPEI product installation
The most up-to-date TDS can be downloaded from our website www.mapei.co.uk

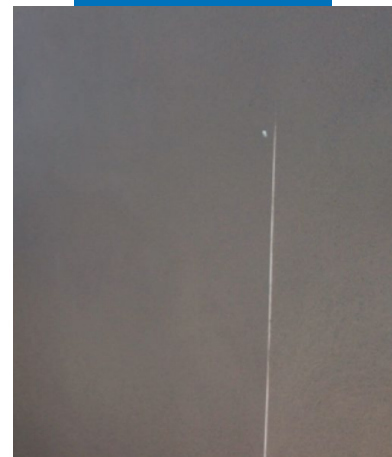
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Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.co.uk

All relevant references for the product are available upon request and from www.mapei.co.uk



Trowel application - can be machine applied



Mapewall GPR with sponge finish

**MapeWall.
GPR**



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2624-12-2019-II (UK)