

# MATmotion Royale Matt

Odourless, water-based matt enamel with silver ions for interior use

## DESCRIPTION

**MATmotion Royale Matt** is a super-washable matt interior wall enamel featuring excellent coverage, splash resistance and touching up. Recommended for decorating ceilings and walls, even on large surfaces. Features excellent levelling for uniform applications, with a fast drying time and:

- Long life
- Resistant to scratches and polishing due to wear and tear
- High stain resistance and easy to clean
- Low Volatile Organic Compounds (VOC) emission

**MATmotion Royale Matt** contains silver ions that protect the paint film from bacterial growth.

Silver ions counteract bacterial contamination of the film, have a preventive and lasting action, and create an active barrier against micro organisms, ensuring a high standard of hygiene.

## USES

**MATmotion Royale Matt** can be applied on:

- new and old plasters based on hydraulic binders.
- concrete surfaces.
- gypsum and plasterboard surfaces.
- old, dry, compact, absorbent and adherent paints as well as organic or mineral coatings.
- various mineral conglomerates, provided they are absorbent.
- ideal for the matt finishing of plastic coatings indoors.

Surfaces must be properly prepared according to the instructions in the section '**BACKGROUND PREPARATION, AND APPLICATION**'.

## TECHNICAL FEATURES

Binder type: Acrylic copolymer in aqueous dispersion

Density UNI EN ISO 2811-1:

**MATmotion Royale Matt Bianco:**  $1.30 \pm 0.05$  g/ml

**MATmotion Royale Matt Base Deep:**  $1.25 \pm 0.05$  g/ml

**MATmotion Royale Matt Base Accent:**  $1.20 \pm 0.05$  g/ml

Indoor Air Quality Classification: A+

## PERFORMANCE CHARACTERISTICS

UNI EN 13300 classification:

Washing resistance ISO 11998: class 1

Brilliance EN ISO 2813: < 5, very matt

Covering power ISO 6504-3: class 2 at a yield of 7 10 sq.m/l

Anti-mould effectiveness UNI 9805: 0 = no development

Anti-fungal preservative EN 15457: 0 = no development

### Additional features

Washing resistance UNI 10560: >10,000 cycles, excellent

Drying (at 25 °C and 65% R.H.): to the touch in 30 minutes; overpaintable after 3 hours.

## DILUTION/THINNING

**MATmotion Royale Matt:** roller/brush, first and second coat, ready to use, maximum dilution 10%, by volume, with water.

In airless applications, dilution varies depending on the equipment and operating pressure used.

## PRECAUTIONS

Mix the material properly before colouring and laying.

Do not apply on fresh backgrounds that tend to be alkaline. Allow adequate curing time, generally four weeks.

## BACKGROUND PREPARATION, AND APPLICATION

(Referred to environmental conditions T=25° C, RH=60%)

The surface must be dry and free of dust, and of humidity-salt stains.

If necessary, rebuild or consolidate the substrate with specific products.

If mould/mildew is present, treat the surface with appropriate products. Remove any efflorescence and flaking parts of old paintwork by brushing or washing.

Completely remove any thick coats of lime or tempera paints. Remove any deposits of dust and grime by brushing.

To prepare the substrate, apply, by brush, a coat of diluted **MATmotion Primer** (pigmented water-based fixative).

On absorbent or very chalking surfaces, where there is thin paintwork, old tempera or deteriorated paint, apply a layer of diluted **Decofix** (micronised wall fixative).

On porous and uneven substrates, we recommend applying 2 coats of **Fondo Universale** (multi-surface primer).

On a completely dry surface, apply a first coat of **MATmotion Royale Matt** using a microfibre roller, brush or airless system.

Wait until the surface is completely dry, normally 3 hours, and apply a second coat of **MATmotion Royale Matt** with a microfibre roller, brush or airless.

Drying time: about 24 hours depending on the type of substrate, its absorption rate, and environmental conditions.

## RECOMMENDATIONS

When applying, the material must be protected from the cold and from big heat changes during the entire application process.

Do not apply when the temperature of the air, the support or product is below +5 °C or above +35 °C, when under direct sunlight, or on heated surfaces (even if already in the shade). Ambient humidity must be < 75%; background humidity must be < 10%.

We recommend finishing each job with materials from the same batch of manufacture. If different manufacturers are used, we recommend mixing the various productions to avoid slight differences in tone.

For the correct use of the above materials, and for dilution and laying, please carefully read the technical data sheet.

The correct use of equipment and personal protective equipment (PPE) is recommended during preparation and application of all phases of the background surface and product.

## EQUIPMENT CLEANING:

With water, immediately after use.

## YIELD

**MATmotion Royale Matt:** 9-11 m<sup>2</sup>/l per layer and refers to applications on smooth and moderately-absorbent substrates. We recommend checking actual covering yield by making a preliminary test on the specific background.

## COLOURS

White and colours of the **Wall2Floor** colour-palette.

### PACKAGING

Containers of:

**MATmotion Royale Matt Bianco:** 2.5 l

**MATmotion Royale Matt Base Deep:** 2.35 l

**MATmotion Royale Matt Base Accent:** 2.33 l

### STORAGE LIFE CONDITIONS

The product should be used preferably within 2 years from the production date if stored in its original unopened pot and at the appropriate temperatures.

### SAFETY RECOMMENDATIONS

EU limit value (Dir. 2004/42/EC)

MATmotion Royale Matt (matt paints for interior walls and ceilings)

EU limit value for MATmotion Royale Matt (cat. A/a): 30 g/l (2010)

MATmotion Royale Matt contains a maximum of 1 g/l VOC.

Use the product according to current hygiene and safety regulations; after use, do not dispose of the pots in the environment. Allow the residues to dry thoroughly and treat them as special waste. Do not empty into drains, watercourses or onto the ground. See safety data sheet for further information.

The product does not require labelling according to current regulations.

The SAN MARCO GROUP guarantees that the information in this data sheet is given to the best of our experience and technical and scientific knowledge. However, because application conditions are beyond our control, we cannot assume responsibility for the results obtained from its use. We recommend always checking the actual suitability of the product to each individual case. This sheet cancels and replaces all previous ones.