

MATmotion Eggy

Water-based eggshell enamel

GENERAL FEATURES

MATmotion Eggy is a water-based eggshell finish, easy to apply and fast-drying. Due to the low VOC emissions during the application, and the absence of formaldehyde and added plasticizers, **MATmotion Eggy** allows a fast re-use of painted buildings. The special acrylic-urethane formulation allows the use of the product also outdoor.

MATmotion Eggy is elastic enough to resist to the natural structural variations of wood.

MATmotion Eggy is the ideal finish for doors, fixtures, moldings, frames, baseboards and furniture indoor and outdoor.

The application of **MATmotion Eggy** guarantees to the surfaces higher hardness, resistance to abrasion, resistance to scratches, anti-blocking, easy cleaning.

USES

MATmotion Eggy can be applied on:

- Old or new woodworks
- Painted woodworks
- Metals, previously treated
- Plastic (PVC), previously treated.

Respecting the recommended application cycle, **MATmotion Eggy** can be applied in exterior, on:

- New or old supports in wood
- Wooden supports painted

The surfaces have to be properly prepared, following the procedure described in the paragraph 'SUBSTRATE PREPARATION AND APPLICATION'.

IDENTIFICATION FEATURES

Binder nature: Acrylic-urethanic copolymer acrilico-urethanic in water dispersion

Density UNI EN ISO 2811-1:

MATmotion Eggy White: 1,33±0,05 g/ml

MATmotion Eggy Base Deep: 1,16±0,05 g/ml

MATmotion Eggy Base Accent: 1,08±0,05 g/ml

Conforms to HACCP according to the requirements of EC Regulation 852/2004.

Indoor Air Quality Classification: A+.

PERFORMANCES

Washing resistance UNI 10560: excellent >10000 cycles.

Shine EN ISO 2813: 10/12, reading angle 60°.

Drying (at T=25°C and UR=65%): to the touch in 1 hour; complete after 4 hours.

DILUTION

MATmotion Eggy: for applications with roller / brush, diluted the first and second layer max. 5-10% in volume, with water.

For applications with airless, dilute 15%, with water.

WARNING

Mix the product properly before coloration and application.

SUBSTRATE PREPARATION AND APPLICATION

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

The substrate must be dry and clean.

Woodworks:

Sand lightly in order to remove the raised wood fibers.

Eliminate any coats of old flaking varnish and coarsen all the surfaces which have already been varnished.

Remove any resin with adequate thinner.

Fill the imperfections with synthetic putty. Sand and remove dust.

Apply over dry and clean substrate one or two layers of primer for wood, following the supplier's procedures. For tanned woods use a specific primer.

Once the substrate is dry, apply two layers of **MATmotion Eggy** with brush, roller or spray gun.

Metals:

Remove with mechanic or manual cleaning, flaking millworks and rust.

Remove chalky paints and sand the surface.

Clean and degrease the substrate with thinner.

Remove dust and dirt.

Apply over dry substrate, one or two layers of anti-rust following the supplier's procedure.

Once the substrate is dry, apply two layers of **MATmotion Eggy** with brush, roller or spray gun.

Plastic (PVC):

Sand the substrate to make it slightly rough.

Degrease with thinner and clean the substrate.

Sgrassare con idoneo diluente e pulire il supporto.

Over dry and clean substrate, apply two layers of **Fondo Universale**.

Once the substrate is dry, apply two layers of **MATmotion Eggy** with brush, roller or spray gun.

RECOMMENDATIONS

During the entire application process, the product must be protected from cold and high heat changes.

Do not apply with air, substrate and product temperature lower than +5°C and higher than +35°C, nor under direct sun light, nor on superheated surfaces (even if already in shadow).

Environmental humidity must be <75%; substrate humidity must be <10%.

It is advisable to complete each work with materials from the same batch of production. When using multiple batches, it is recommended to remix the various products together to avoid slight differences in shading.

For the correct use, dilution and application of the products here mentioned, consult their respective technical data sheets.

During the preparation of the substrate and application of the products, it is recommended the correct use of tools and individual protective devices (dpi).

TOOLS CLEANING

With water, immediately after use.

YIELD

MATmotion Eggy: 6-7 m²/l in two coats, for applications on smooth and absorbent substrates. It is recommended a preliminary test on the specific substrate to verify the effective yield.

COLOURS

White and **MATmotion** colour card

PACKAGING

1 l cans for all bases; 2,5 l for **MATmotion Eggy Bianco**.

SHELF LIFE

The packaged product is guaranteed for 24 months, if stored in the original sealed package and at temperatures between +5°C and +35°C.

SECURITY PROCEDURES

EU Directive 2004/42/CE

MATmotion Eggy (interior/exterior trim and cladding paints for wood, metal or plastic)

EU limit values for **MATmotion Eggy** (cat A/d): 130 g/l (2010)

MATmotion Eggy contains maximum 25 g/l of VOC.

The product does not require label as per actual laws.

Use the product on the full respect of the actual hygienic and security laws. Do not leave wastes in drains, dry the wastes, and treat them as special wastes. Keep the product away from children usage. In case of ingestion, consult immediately a doctor showing him the can or the label of the product .

Do not throw the product into drains, in rivers and in the ground. For any other information please consult the technical sheet.

N.B.- NOVACOLOR guarantees that the information herein is provided to the best of its technical and scientific knowledge and based on its experience; nonetheless, the company may not be held liable for the results obtained using these products, as application conditions are beyond its control. It is recommended to always make sure that the product is suited to each specific instance. The present sheet voids and replaces any previously existing sheets.