

MATT INDOOR PAINT FOR WALLS AND CEILINGS, STAIN-BLOCKING AND QUICK-DRYING, FOR WHICH THE FILM IS PROTECTED AGAINST MOULD, CONTAINING AN ACRYLIC COPOLYMER BINDER DILUTED IN SOLVENT, NO ODOUR AFTER 24 HOURS

DESTINATION

Recommended for indoor renovation work, directly as a primer and finishing coat, on all kinds of dry and coherent substrates and surfaces contaminated with soot, grease, nicotine or dry water stains, such as:

- > Plaster and its derivatives
- > Substrates based on hydraulic binders (cement, concrete, mortars), lime plaster, etc.
- > Old adherent coatings, even slightly chalky
- > Distempers and whitewashes
- > Metal substrates (no rust)
- > Wood and wood products

Modern Plus² AF is especially recommended for premises such as :

- > Breweries, butchers, industrial canneries, slaughterhouses, industrial kitchens and canteens
- > Cellars and cold storage rooms
- > School buildings, changing rooms, paper mills, etc.

PROPERTIES

- > Rapid hardening
- > Non-yellowing and odorless after 24 hours
- > Tension-free
- > Excellent wet abrasion resistance
- > Good stain-blocking properties
- > Regulates substrate absorption
- > Unseparable

CHARACTERISTICS

Appearance	Deep matt, Specular gloss 85° < 1,5%
Tinting	White and pastel/light shades by adding a maximum of 3% of universal colorants. The colour accuracy is to be controlled by the operator.
Density	1,59 ± 0,03
Viscosity	Unctuous paint
Solids Content	In weight: 72% ± 2
VOC	2004/42/II (A/g) 350 g/L (2010); COV/VOC max 349 g/L
Shelf life and storage	24 months in original, unopened pack. Keep away from frost and temperatures above 35°C. Close the container tightly after use.
Packaging	4L - 10L

CLASSIFICATION

- > **Water-vapour transmission:** Class 2 according to EN ISO 7783 (2018)
- > **Wet abrasion resistance:** Class 1 according to EN 13.300
- > **Actual covering power:** 98% with 2 coats for 8.8 m²/l (Class 2 according to EN 13.300)
- > **AFNOR NF T 36-005 :** Family I - Class 7b 1



APPLICATION

State of the substrate :

Surfaces must be sound, dry and consistent.

Tools and application method :

Brush, 12mm woven polyamide roller (ROTA Lotex type or similar), spray-gun (airless).

Airless : Can be applied undiluted using airless sprayers with a theoretical output of 3 l/ min or more.

Nozzle: 0,017" ou 0,019"

Pressure: 160-200 bar

Filter: 100 mesh (149 µm)

Low pressure nozzles are recommended for applying this product with a spray gun (Graco LP or similar)

Contact our Technical Department

Dilution :

Ready to use product.

Conditions of application :

- > Air and substrate temperature above 8°C (caution if T > 35°C).
- > Relative humidity lower than 70%.

Drying time (20°C, 65% RH) :

- > Dust-free: after ca. 1 hours
- > Recoatable: after ca. 3 hours
- > Curing time: 16-24 hours

Low temperature and high humidity slow drying.

Tool cleaning :

White-spirit, as soon as the work is completed.

Application system :

Over all types of substrates (concrete, plaster, lime, old coatings)

1 to 2 coats depending on the condition of the substrate. The second coat can be applied after 12-24h.

Consumption :

9 to 11 m²/l, per coat, according to the substrate and application method.

Observations :

- > *Modern Plus² AF* applied on a clean substrate, can be recoated with almost any water-based finishing product (dispersions, synthetic plasters, etc.). Do not coat with products containing aromatic solvents, as there is a risk of peeling.
- > Do not apply *Modern Plus² AF* in bakeries.
- > Apply and leave to dry in well-ventilated areas.
- > *Modern Plus² AF* can be applied over expanded polystyrene (modenature, etc.).
- > *Modern Plus² AF* can be applied on non-oxidised metals, glass, galvanised sheet metal, as long as there are no specific conditions such as humidity, condensation water, abrasion.
- > Unpacked food should be removed before application and during drying time
- > Clean adequately before applying if renovation is due to fire debris.
- > Lightweight wallpaper application: no restrictions after 12 hours of drying.

See safety data sheet on www.claessens.com

The purpose of this technical data sheet is to inform our customers about the properties of our product and it has been compiled to the best of our knowledge. However, given the wide variety of substrates and application conditions of our products, the user remains responsible for verifying, under his own responsibility and according to the rules of art and trade, that the materials presented are suitable for the intended use. Consequently, no guarantee is given for the product application systems and the properties mentioned in this document. Technical evolution being permanent, it is up to our customers, before any application, to check with our services that it is indeed the last data sheet version. The VOC value indicated represents the value of the ready-to-use product, after tinting, dilution... with our products range. In any case, it cannot engage our responsibility on mixtures which would be made with other commercial products, for which we do not know the real VOC content.