



## HYDROPAINTS

# TINTAL

### DESCRIPTION:

Superwashable wall paint with very high coverage and velvety look.

### MAIN CHARACTERISTICS

- High coverage, adhesion and brushability;
- Washability > 5000 brush strokes;
- Drip resistant;
- High matt effect;
- High masking power
- Low dirt pickup

### TINTOMETRIC SYSTEM

Tintal can be coloured with the tintometric system

### CLASSIFICATION UNI 8681

B.4.C.0.A.2.HF  
Paint for finishing layer, in water dispersion, single-component, physical drying, matt, vinyl

### VOC CLASSIFICATION (Directive 2004/42/EC)

Matt paints for indoor walls and ceilings.  
EU Limit value of VOCs for TINTAL (cat. A/I): 30 g/L (2010). TINTAL contains max. 30 g/L of VOCs.

### APPLICATION CYCLE

#### INTERNAL UNPAINTED WALLS:

- 1) Remove the dust and plaster fragments that are not perfectly adhering with a brush.
- 2) Level out imperfections (holes, cracks) with STUCCOFORTE stucco, working with successive smoothing-out operations.
- 3) 3/6 hours after the last smoothing-out, sand and carefully clean the stuccoed parts.
- 4) Apply one coat of Maxfix Acrylic, Fiss'up or Fixative Solution suitably diluted.
- 5) Preferably apply two coats of TINTAL spaced about 8 hours apart if working under normal conditions, prolong this interval if humidity and temperature conditions are worse.

#### INTERNAL WALLS ALREADY PAINTED WITH TEMPERA PAINT

- 1) If the surface is not adhering and/or crumbling, remove the tempera paint completely.
- 2) In case the paint is well anchored to the substrate, proceed with a thorough cleaning of the surface and apply one coat of Maxfix Acrilico, after 6/12 hours preferably apply two coats of TINTAL.

#### INTERNAL WALLS ALREADY PAINTED WITH WASHABLE WATER-BASED PAINT

- 1) Clean the surface thoroughly.
- 2) fill in any imperfections with STUCCOFORTE, then sand and dust.
- 3) Apply one coat of Maxfix Acrylic, Fiss'up or Fixative Solution suitably diluted only on the stuccoed parts.
- 4) Preferably apply two coats of TINTAL spaced about 8 hours apart if working under normal conditions, prolong this interval if humidity and temperature conditions are worse.

#### EXTERIORS UNPAINTED WALLS

- 1) Remove any dust and plaster fragments that are not perfectly adhering with a brush.
- 2) Level out imperfections (holes, cracks) with controlled-shrinkage fibre-reinforced mortar.
- 3) Apply one coat of Maxfix Acrylic, Fiss'up or Fixative Solution suitably diluted.
- 4) Preferably apply two coats of TINTAL spaced about 8 hours apart if working under normal conditions, prolong this interval if humidity and temperature conditions are worse

#### EXTERIOR WALLS ALREADY PAINTED

- 1) Remove any traces of paint not perfectly adhering and any efflorescence, in the presence of mould it is advisable to carry out a treatment with Igena Detergent.
- 2) Level out imperfections (holes, cracks) with controlled-shrinkage fibre-reinforced mortar.
- 3) Apply one coat of Maxfix Acrylic, Fiss'up or Fixative Solution adequately diluted.
- 4) Preferably apply two coats of TINTAL spaced about 8 hours apart if working under normal conditions, extend this interval if humidity and temperature conditions are worse.



## HYDROPAINT

# TINTAL

### HELPFUL HINTS

Do not apply on substrates exposed to direct sunlight or driving wind.

If the substrates are very absorbent or particularly degraded, apply a coat of MAXFIX ACRYLIC indoors, and apply MAXFIX A SOLVENTE outdoors.

Environmental and substrate conditions:

room temperature: min. +5°C/ ax. +35°C; ambient

relative humidity: < 80%;

substrate temperature: min. +5°C/max. +35°C;

substrate humidity: < 10 R.H.

In case it is necessary to paint over (touch ups), it is recommended to apply the product correctly diluted with a satin roller. By complying with these application instructions, the colour uniformity will be maximum.

### SAFETY PRECAUTIONS

- Keep the container tightly closed and protected from frost.
- Safety information for the user can be found in the relevant safety datasheet.
- Empty containers or containers with slight traces of residual dried product or film must be disposed of according to local regulations.

TECHNICAL CHARACTERISTICS	METHOD	MAIN DATA AT 20°C AND 60% R.H
Appearance and finish		Very Matt
Density g/ml	UNI 8910	1,270 – 1,560 g/ml
Viscosity Brookfield	ASTM D 2196	12000 – 19000 cPs
Recommended dry thickness in microns per coat	ASTM D 1186	40 – 60
Flashpoint °C	UNI 8909	Non-flammable
Shelf life (in a cool, dry place)	UNI 10154	At least 3 years
Dry-in-depth		Max 12 h
Painting over		After 8 h
Application surface		Indoors/outdoors
Colours		White, System Intermediate
Cleaning the instruments		Water
Diluent		Water
Roller application % in volume		30 – 35 % Max 15% for colours obtained with a red, yellow, neutral base.
Brush application % in volume		35 – 45 % Max 15% for colours obtained with a red, yellow, neutral base.
Air spray application % in volume		40 – 50 %



HYDROPAINT

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**SAFE PERFORMANCE-ITALIAN REGULATION UNI 10795**

TECHNICAL CHARACTERISTICS	METHOD	MAIN DATA AT 20°C AND 60% R.H.
Contrast ratio	M.U. 1631	97.1 Good
Theoretical yield per coat	ISO 7254	16 -18 m <sup>2</sup> /litre
Washability	UNI 10560	> 5000 Excellent resistance to washing
WDD water vapour diffusion	UNI 9396	260 g/m <sup>2</sup> in 24 h High
Water diffusion resistance SD (film thickness 100 micron dry)	UNI 9396	0,03 m
Shine Gloss	UNI 9389	< 5 Very Matt
Dirt pickup	UNI 10792	13.2 Δ litre Average

**SAFE PERFORMANCE - EUROPEAN LEGISLATION EN 13300**

TECHNICAL CHARACTERISTICS	METHOD	MAIN DATA AT 20°C AND 60 % R.H.
Contrast ratio	ISO 6504-3	Class 2
Kubelka-Munk yield m <sup>2</sup> /Litre	ISO 6504-1	16 m <sup>2</sup> /Litre
Washability	ISO 11998	Class 2
Shine Gloss	ISO 2813	< 5 Dead-matt
Grain size	ISO 1524	Fine

**APPLICATION CYCLE**

SUBSTRATE	BASE	FINISH
UNPAINTED INTERIOR WALLS OR PAINTED WITH WASHABLE WATER- BASED PAINT	MAXFIX ACRYLIC / FISS UP / FIXATIVE SOLUTION	TINTAL At least 2 coats
INTERIOR WALLS PAINTED WITH TEMPERA PAINT	MAXFIX ACRYLIC	TINTAL At least 2 coats
EXTERNAL WALLS	MAXFIX ACRYLIC / FISS UP / FIXATIVE SOLUTION	TINTAL At least 2 coats

Customer service



Mon-Fri 8:30-17:30



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