

Scheda Tecnica Revisione : del :

Product type

Anti-reflective opaque water-based paint, anti-mold, acrylic breathable, Class A.

Top 40 is a paint formulated with acrylic polymers in aqueous emulsion and mineral aggregates selected, making the product breathable for interiors with techno-applicative characteristics special, such as: high opacity, uniform appearance, strong filling power and masking imperfections wall. Easy painting and color uniformity even when applied with tools different, like roller or brush, odorless and non-irritating.

Top 40 is a certified Class A * product, free from formaldehyde and other harmful substances for health, because it adopts the highest European standards in the regulation of the emission level of volatile organic compounds (Uni En Iso 16000-9: 2006)

Fields of Application

Specific for internal ceilings and walls of rooms with a large production of water vapor, bathrooms and kitchens.

Technical characteristics

Appearance	Opaque antireflection
Colour	White and tinting systems.
Density Kg/Lt	1,570 ± 0,050
Viscosity 25°C	18000 ± 2000 Brookfield CPS
Dry residue in weight	48 ± 1%
Theoretical coverage	12 -14 sq.m /lt in one coat
Dilution	Water
Method of application:	Dilution in volume 40 – 50 %
Trowel	Dilution in volume 35 – 45 %
Ruller	Dilution in volume 40 – 50 %
Spray	Dilution in volume 40 – 50 %
Spray airless	Nozzle diameter 2,2 – 2,5 mm

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Water vapor diffusion (DIN 53122)	282 g/sq.m in to 24 h
Resistance to vapor diffusion factor (DIN 52615)	$\mu = 285$
Water absorption coefficient (DIN 52617)	$w = \text{ca. } 0,110 \text{ kg}/(\text{sq.m} \cdot \text{h}^{\frac{1}{2}})$
Equivalent layer of air (DIN 18550)	S_d (calculated in a thickness of 200 μm) = 0,055 m
Respect Kuenzle's theory (DIN 18550)	$S_d \cdot w = \text{ca. } 0,009 \text{ kg}/(\text{sq.m} \cdot \text{h}^{\frac{1}{2}})$
Classification En 13330	
Wet abrasion Din 53778	n.d.
Washing resistance ISO 11998 (200 cycles)	Class 5
Opaque Power ISO 6504-3	Class 3 with a performance of 12 sq m/lt
Brilliance EN ISO 2813	Very Opaque < 5
Drying 25°C	Do not touch 1 hours Dry to touch 3 - 4 hours Dry in Depth 18 - 24 hours
Coverage minimum/maximum	3 – 4 hours / no limit
Storage stability	24 months
Standard packages	Lt 5 – Lt 13

Rules of Application

Preparation of surfaces

Make check carefully the surface to be covered, Remove loose, friable and non-stick parts, clean and brush surfaces thoroughly, make sure they are solid, clean and dry, in case of new construction, respect the seasoning times of the support. Supports presenting irregularities, excessively rough jets, holes, cracks, etc. they must be repaired and / or shaved, with the use of Atriamural or mortar to close the cracks etc.

On all new or already painted interior or exterior surfaces that present mold formations apply a coat of **Kemuffa** with a brush, allow the product to react at least 3-4 hours and then proceed with preparation and painting.

New Interior Walls

Brush and dust carefully. Eliminate all traces of dirt and debris little adherent plaster, eventually shave the parts and the surface with smooth finishing putty our product Atriamural. Make sure that the plaster is dry, sand and without dust. After that, apply a coat of fixative insulation product, like Isoacryl or Isolmur, diluted as per reference sheet card, in base on the degree of absorption. Apply at least two coats of Top 40 respecting the times of overlapping.

New or painted exterior

Make sure that the old paint is well adherent to the support, plaster and shave the parts if necessary with smooth finishing plaster like our Atriamural or appropriate plaster. Make sure that the plaster is dry, sand and without dust. Apply a coat of fixative insulation product Isoacryl or Isolmur, diluted as per reference sheet card, in base on the degree of absorption. Apply at least two coats of Top 40 respecting the times of overlapping.

Application note:

Keep the product in its tightly closed containers away from freezing temperatures below + 1 ° C and above 45 ° C.

Do not store the product diluted with water.

Apply in favorable climatic conditions (+ 5 ° C / + 40 ° C and maximum relative humidity 75%).

At the time of application the substrate must be sufficiently dry.

Do not apply on substrates with rising damp or with the presence of efflorescence.

In case of low temperature and high humidity, lengthen the overcoating time between one hand and the other, otherwise swellings are possible.

Low quality funds (degraded tempera and stuccos) can give rise to bubbles or detachments.

In order to obtain the required performances, it is important that the consumptions and the thicknesses are respected indicated, moreover the average curing time (full hardening) for the water-based paints is to be considered in about 7 - 10 days.


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Recommended primers Antifumo, Isolmur, Isoacril, Atriamural.

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