

# CONTINUO TOP ART

TRANSPARENT, TWO-COMPONENT, WATER-BASED, ALIPHATIC, ACRYLURETHANE FINISH

Series 121/126/127

## DESCRIPTION

The CONTINUO TOP ART products are transparent, two-component, water-based, aliphatic, non-yellowing acrylurethane finishes, ideal for application by roller, brush or spray, with a satin and matt effect, where good resistance to water and liquids in general is required. CONTINUO TOP ART guarantees high chemical resistance to cold and hot liquids, and to many substances normally used in the residential and catering sectors. The CONTINUO TOP ART finish comp. A is mixed with CONTINUO TOP comp. B. It is enough to manually mix before use. CONTINUO TOP comp. B is a new-generation hardener, based on an aliphatic polyisocyanate, with an HDI monomer content of <0.1% by weight. The CONTINUO TOP ART finishes are available in satin and ultra-matt versions. The CONTINUO TOP system is classified A+ according to the French ministerial decree for the air quality in interior environments.

## INSTRUCTIONS FOR USE

Can be applied on:

- Surfaces worked with CONTINUO DECO, after priming with CONTINUO LINK or CONTINUO LINK ART.
- Vertical surfaces coated with enamels or paints.
- Wooden interior products, both new or already-painted, such as: parquet, skirting boards, panels, various objects where a high surface hardness is required.

## TECHNICAL SPECIFICATIONS

CONTINUO TOP ART comp. A

- Nature of the binder: dispersion of modified aliphatic polyurethane.
- Solvent: water
- Density UNI EN ISO 2811-1: component A: TOP ART: SATIN:  $1.05 \pm 0.05$  g/ml TOP ART: MAT:  $1.20 \pm 0.05$  g/ml

CONTINUO TOP comp. B

- Nature of the binder: aliphatic polyisocyanate with an HDI monomer content of < 0.1 % by weight.

Preparing the CONTINUO TOP ART SATIN mix

- Mixture ratio by weight: 10 parts of component A + 3 parts of component B.
- 2.5 l of component A (1 pot) + 0.75 l of component B (1 pot)
- Compound density (A+B) UNI EN ISO 2811-1:  $1.05 \pm 0.03$  kg/l
- The resulting mix is to be diluted in weight/volume with water 0-10%.

Preparing the CONTINUO TOP ART MAT mix

- Mixing ratio in weight: 12 parts of component A + 3 parts of component B.
- 2.5 l of component A (1 pot) + 0.75 l of component B (1 pot)
- Compound density (A+B) UNI EN ISO 2811-1:  $1.13 \pm 0.03$  kg/l
- The resulting mix is to be diluted in weight/volume with

water 0-10%.

-Mix pot-life (A+B): 60 minutes approx. at 20 °C

The mixture (A+B) must not be used after this time even if it is still fluid.

To improve the preservation of CONTINUO TOP comp. B after opening, clean the edges and close the lid tightly to protect it from moisture and foreign bodies.

-Drying (at 25 °C and 65% relative humidity): to the touch, in 30 min.; can be painted over after 3 hrs. Sandability: after 6 hrs.

The surface can be subject to light traffic after 12 hours with full traffic after 24 hours; full technical properties reached after 5 days.

-Taber abrasion resistance: 7 days, grinding wheel CS 17, 1000 g, 500 rpm (loss in weight)

CONTINUO TOP ART SATIN: <25 mg

CONTINUO TOP ART MAT: <35 mg

-Gloss level UNI EN ISO 2813:

CONTINUO TOP ART SATIN:  $20 \pm 2$ , reading angle of 60°

CONTINUO TOP ART MAT:  $1 \pm 1$ , reading angle of 85°

The brilliance of the paints, measured in a real application context of the site, may be slightly different from those measured according to the UNI EN ISO 2813 standard.

## PREPARING THE SURFACE

CONTINUO decorative system: see the recommendations in the Technical Annex.

New or renovated wooden surfaces:

- Sand slightly to remove raised wood fibres.
- Remove any resins using a suitable thinner.
- Fill the imperfections with synthetic filler. Sand the filler and remove the dust.
- Check that the wood is not too humid.
- Sand the surfaces then apply 2 layers of CONTINUO TOP ART, possibly sanding between one layer and another to remove any raised fibres.
- On wood rich in tannin, to reduce the formation of dark stains, apply the insulating primer UNIMARC PRIMER ANTITANNINO, colourless or white 308 series, according to the desired effect.

## APPLICATION INSTRUCTIONS

Ambient and surface conditions:

Ambient temperature: Min. +8 °C - Max. +45 °C

Ambient relative humidity: <85%

Substrate temperature: Min. +5 °C - Max. +45 °C

Substrate humidity: <10%

-Equipment: brush, medium-hair roller, conventional or airless spray.

-Thinning: dilute the mixture obtained (2.5 l of component A + 0.75 l of component B) adding 0.300-0.400 l of water, max. 13% by weight.

-Do not add more water to lengthen the Pot-life.

-Mix (catalyze) and use one pot at a time (comp. A + comp. B).

-No. of coats: 2.

-To avoid the formation of shading, apply the product

San Marco Group Spa - Via Alta 10 - 30020 Marcon (VE) - Tel +39 041 4569322 - [www.san-marco.com](http://www.san-marco.com) - [info@san-marco.it](mailto:info@san-marco.it) - [export@san-marco.it](mailto:export@san-marco.it)

# CONTINUO TOP ART

TRANSPARENT, TWO-COMPONENT, WATER-BASED, ALIPHATIC, ACRYLURETHANE FINISH

Series 121/126/127

continuously, avoiding passing over the already-dried parts.  
-Clean the equipment with water immediately after use.  
-Indicative yield: strongly influenced by the nature and condition of the surface; approximately 7-8 m<sup>2</sup>/l in the two layers, about 25 m<sup>2</sup> for the entire A+B package suitably diluted in 2 coats.

## TINTING

The product is available colourless and non-tintable.

## STORAGE

Maximum temperature for storage stability: +30 °C

Minimum temperature for storage stability: +5 °C

The product should be preferably used within 2 years from date of manufacture when stored in original unopened containers and in appropriate temperature conditions.

## SAFETY RULES

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

Cat. A/j: Two-pack reactive performance coatings (water-base): 140 g/l (2010)

The product contains max: 140 g/l VOC

Use the product according to current health and safety regulations; after use, do not discard the containers in the environment; allow the residue to dry thoroughly, then treat as special waste. Do not dispose of residues in the sewers, waterways or ground. For more information consult the safety data sheet.

*SAN MARCO GROUP 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. For further technical information call the technical service +39 041 4569322.*