

GIORGIO GRAESAN and Friends	TECHNICAL SHEET	Code	TDS_ABO_00
	AURORA BOREALE	Revision	00
		Date	22/08/2022

1. DESCRIPTION

AURORA BOREALE is a transparent, water-based resin that absorbs natural and artificial light and re-emits it in total darkness, creating aesthetic effects and plays of light. It can be used to create designs, lettering, logos, or tattoos. Although opaque, it maintains the color of the background, especially on light colors, while on dark colors the color may vary slightly.

By illuminating a room decorated with AURORA BOREALE for at least 5 minutes and then turning the lights off, the treated walls will gradually relight and stabilize after a few minutes. The luminescence can last 6-8 hours depending on the amount of light absorbed and the intensity of the darkness, gradually decreasing over time. The lighter the surface, the more AURORA BOREALE will glow in the dark.

To obtain a longer lasting effect, we recommend using a special purple neon lamp such as LUCE DI WOOD to be added to the existing lighting system and turned on for 2-3 minutes every 3-4 hours.

2. USE

AURORA BOREALE is suitable for application on internal wall surfaces decorated with our products.

3. PREPARING THE SUBSTRATE

On lime-based products it is necessary to limit absorption, using alternatively:

- two coats of GIOIA diluted 30% with water
- a coat of undiluted VETRO SATINATO

AURORA BOREALE can be applied directly to acrylic products.

When applying over new or existing water-based paints, the substrate can be smooth or rough, as long as it is well-bonded and free of dust. Proper preparation is essential for a perfect finish. Then, remove any loose or flaking paint or plaster, taking care to wash or brush off any mold or dust.

4. METHOD OF APPLICATION

Mix thoroughly with a spatula before using by hand, taking care not to incorporate air.

Apply with a roller or brush. Once applied, it is recommended to immediately go over it with a pad, roller, or brush to remove excess product and consolidate the product in the areas where it is to remain.

5. CLEANING THE TOOLS

Clean the tools with water immediately after use.

6. PROTECTING AND CLEANING

Totamente lavabile con detersivi neutri e non aggressivi. Si può aumentare la resistenza ai lavaggi proteggendo successivamente AURORA BOREALE con VETRO.

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7. SAFETY RECOMMENDATIONS AND RISK IDENTIFICATION

The product does not require labelling according to current regulations. Use the product according to current health and safety regulations; after use, do not dispose of containers to the environment; let residue dry thoroughly and handle as special waste. Keep out of the reach of children. If swallowed, seek medical advice immediately and show this container or label. Do not empty into drains, waterways or soil.

Contains: mixture of 5-chloro-2-methyl-2-isothiazol-3-one, 2-methyl-2-isothiazol-3-one. May cause an allergic reaction.

For more information, see safety data sheet available on: www.giorgiograesan.it

TECHNICAL CHARACTERISTICS: APPLICATION	
Dilution	Dilute with 30% water
Mixing	Always mix before use
Colouring	Not provided
Tools	Roller or Brush
Primer	
Conditions of application	From +10°C to +35°C with relative humidity < 85%
Number of coats	1
Surface drying time	2 - 3 hours at 20°C
Drying time	6 - 8 hours at 20°C
Curing time	24 – 36 hours at 20°C
Protecting	At least one coat of VETRO with PE 13 roller
Washability	Good washability. Full wash with LATTE DETERGENTE if protected with VETRO

TECHNICAL CHARACTERISTICS: COVERAGE	
AURORA BOREALE	4 – 12 m ² /litre, changes depending on the type of surface

TECHNICAL CHARACTERISTICS: PRODUCT	
Composition	Acrylic copolymer in water emulsion and special luminescent additives
Specific weight	1.05 ± 0.03 Kg/litre
EU limit value (Directive 2004/42/EC) Cat. A/l: decorative effect coatings (water-borne): 200 g/l	Maximum VOC content 60.0 g/l
Storage conditions	Keep in tightly sealed container, even after use and after cleaning the sides and lid of the tin, in a cool, dry place at temperatures between + 5°C and + 30°C
Packaging	0.750 litres

Giorgio Graesan & Friends guarantees that the information in this sheet is provided to the best of its experience and its technical and scientific knowledge, however cannot assume any responsibility for the results obtained with their use as the conditions of application are beyond its control. We recommend always checking the actual suitability of the product for each specific case. This sheet nullifies and replaces any previous version.

For more information, call phone number **(+39) 02.9903951** or on **Whatsapp: (+39) 3371410335**.