X1 ALL VARNISH

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

X1 All is used to achieve maximum performance on surfaces that will be exposed to water, moisture, heat, impact, stain, light traffic, scratches, and chemicals. It enhances the mechanical and chemical resistance of the surface, extending the lifespan of objects and surfaces. It is a transparent acrylic varnish. Solvent-based and two-component.

FEATURES

- It is transparent and glossy/semi-matte/matte.
- Suitable for both indoor and outdoor use.
- It has high UV resistance, ensuring long-lasting vibrant colors without yellowing or fading.
- It has very high stain resistance.
- Offers excellent waterproofing with high water resistance and water repellency.
- Resistant to scratches.
- Provides superior impact resistance, does not crack or blister.
- Maximum heat resistance.
- Saves time and labor with easy application.
- Easy to clean, repels dirt and stains.
- High spreading and adhesion strength.
- Highly resistant to chemical and physical effects.

RECOMMENDED FOR

Can be used to improve the performance on ceramic surfaces such as tiles, marble, and ceramic tiles painted with X1 All; plastic surfaces such as PVC window frames, pipes, and toys; wooden surfaces such as furniture, kitchen and bathroom countertops, kitchen and bathroom cabinets, solid wood, parquet, and toys; metal surfaces like refrigerators, washing machines, dishwashers, stee doors, radiators, heating core and pipes and glass surfaces painted with X1 All.

SURFACE PREPARATION

X1 All Varnish can be applied to surfaces painted with X1 All once the drying period has passed, after 24 hours. On previously painted or varnished surfaces, the area to be treated should first be cleaned of all dirt, rust, oil, and any loose layers of old paint or coating. On ceramic, tile, or similar surfaces, the glaze layer should be roughened using mechanical or chemical methods. Do not use the treated surfaces for 2 days and use with caution against chemical cleaners, water accumulation and impacts for 7 days. The product reaches its maximum performance after 28 days. When applying with a roller check for bubbles and if there are any make light sweeping motions with a soft long bristled silk brush.

APPLICATION

Product Number	Mixing Ratio	By Weight	By Volume
24G	X1 ALL VARNISH	10	10
	X1 ALL VARNISH GLOSSY II.PART	1	1

After being left to rest for 5-10 minutes for a pre-reaction, the prepared mixture is applied in 2-3 cross coats. As the number of coats affects the surface pattern, care should be taken not to retouch dried areas with a brush or roller. The prepared varnish and hardener mixture should be applied within 1-1.5 hours, and a new mixture should be prepared for second coat applications.

Application Conditions

Application Temperature	min +15°C / max +30°C %40-%70 RH
Application Viscosity	14-16 s / DIN CUP 4 / 20°C
The number of layers proposed	2-3 cross coats
Coverage	12-14 m²/L (per coat)
Application Methods	Brush, Roll, Spray

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Revision No: 01
Publish Date : 12.12.2024
Sample Text

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TECHNICIAL SPECIFICATIONS

Product Features		**Standard**
Resin type	Acrylic	-
Color	Transparent	
Gloss	Gloss	-
Gloss (Gloss 60 º)	min 80	ASTM D-523
Solids (% by volume)	35±2	ASTM D-6093
Viscosity (20Cº / DIN4)	30	ISO 2431
Density (g / ml)	0,98±2	ASTM D-1475
Pot Life 20ºC (hours)	8	-
Drying Time (23 ˚C)		
Touch dry (min)	30	
Full drying (hour)	24	
Chemical drying (day)	7	

** The specified drying time; temperature, humidity, such media may vary depending on the application thickness and application conditions.*

STORAGE and PACKAGING

Packaging Information	0,6 KG Set (0,4 KG A+ 0,2 KG B)
Storage Conditions	Direct sunlight the mouth in sealed container should be kept between 5-35 ° C, sealed packaging is not the depolanmalıdır.kullanıl. It must be protected from frost.
Shelf life	2 Years

HEALTH AND SAFETY INFORMATION

Refer to the instructions specified in the harmfulness and precautionary statements on the product packaging.
Product of the safety data sheet should be treated by the rules.
Refer to the nearest health facility for unexpected health problems.

LEGAL NOTE

All the information and guidelines given in this technical bulletin was formed and developed through the experience in the laboratories of Polisan Kansai Paint, and was systematically collected by our field engineers. “Polisan Kansai Paint"has the right to make changes in the product where necessary, without notice. The information given above is valid for the product from the date of publication.It is the user's responsibility to verify the accuracy of the information. The product should be used based on the technical information form for the recommended purpose. It is the responsibility of the users to implement all measures for the fulfilment of the specified requirements.The data in the technical information form is designed to give descriptions of the product performance, under specific test conditions.An important factor in product performance is the variables that may occur in the initial process which should be used as a general guide to the user. Any unauthorised use of this product not covered in the written guidelines, Polisan Kansai Paint will not be held legally responsible.It is always the responsibility of the user to take all necessary precautions regarding specific requirements of the law set out in local and national legislation. Follow the rules of the safety information provided in the Safety Data Sheet regarding operating procedure of the product, protective equipment, storage, fire and first aid etc. Conditions regarding the use of this product after its end date has no warranty. We can not accept responsibility for products past their expiry date. Responsibility can not be accepted.Please contact the Technical Service department for more detailed information about the product.