X1 ALL

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

It is a water-based, multi-purpose, user-friendly, semi-matte transformation paint produced with Core-Shell Technology, pure acrylic, suitable for all surfaces. It is a ready-to-use, easy-to-clean, washable, stain-proof, decorative, protective top coat paint. It cures quickly. It is resistant to scratching, and provides excellent adhesion and durability.

FEATURES

- It is a paint that can be easily applied by everyone, including those who paint for the first time.
- It is ready to use, it should be mixed thoroughly before application.
- Hard, durable; water, chemical and scuff resistant surface is obtained due to Core-Shell Technology.
- There is no need for priming, it can be applied directly.
- Excellent covering ability.
- Can be used for both indoors and outdoors; colors maintain their vibrancy for a long time due to high UV resistance.
- Has high water resistance.
- Has high stain resistance (tea, coffee, ketchup, lipstick, etc.).
- Has high chemical resistance (surface cleaners, soaps, vinegar, etc.).*
- Wipeable due to its high scrub resistance.**
- Resistant to external heat except open flames (hot kettles, pots, baking trays, etc.).
- High scuff resistance.***
- It does not crack, bubble or peel.
- It allows adequate time for corrections and has good spreading.
- Has no disturbing odor.
- Non-yellowing.
- Surfaces previously painted with renovation paints and varnishes can be easily repainted after fine sanding.
- Since it complies with the Toy Safety Standard (EN 71-3), it can be used safely on surfaces that children come into contact with and where application is recommended.
- Complies with EU Directive 2004/42/EC on the limitation of emissions of VOC

* Hydrochloric acid and concentrated acids should be avoided.
**It is recommended not to use a metal scrubbing wire while wiping.
***Contact with sharp metal objects (knives, nails, metal spatulas, etc.) should be avoided.
****X1 All Varnish should be applied to achieve maximum performance on surfaces that will be exposed to water, moisture, heat, light traffic, impact, stains, chemicals and scratches. X1 All Varnish should be applied in areas where water accumulation is possible, such as showers, bathtubs and sinks.

RECOMMENDED FOR

Applicable Surfaces:
Hard surfaces: Tiles, marble, granite, stone, gravel, mosaic, çimstone, porcelain, glass, ornaments and hand tools.
Plastic surfaces: PVC window joinery and pipes, toys.
Wooden surfaces: Furnitures, kitchen and bathroom countertops, kitchen and bathroom cabinets, wooden joinery, panel doors, MDF, parquet, paneling.
Metal surfaces: Inox and oven-painted electronics (refrigerators, washing machines, dishwashers, built-in set outer surfaces), kitchen and bathroom sinks, steel doors, radiators and pipes, wrought iron surfaces, stair railings
Painted surfaces: Old painted, anti-rust, synthetic-lined, varnished; metal and raw wood surfaces
Glass surfaces, canvas, interior and exterior wall decorations and picture applications

SURFACE PREPARATION

The surface should be cleaned from water and moisture; dust, dirt, oil, rust, silicone and mastic, swollen and cracked old paint layers should be cleaned. Chemical residues accumulated on surfaces such as detergents should be cleaned with vinegar water. Old painted surfaces in good condition should be sanded with fine sandpaper to increase adhesion. X1 All should be applied after Primera Antirust on rusty surfaces.

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APPLICATION

If the product is to be applied with a brush or roller, it should be applied without diluting, if it is to be applied with an air gun, it should be applied by diluting it in 2 coats. If necessary, a third coat can be applied. During application, only the amount of paint needed should be taken and the remaining product should be stored with the lid closed.

Application Features

Thinning Ratio	Ready to use. Should be mixed thoroughly before application. Should be diluted by 30% if it is to be applied with an air gun
Application Temperature (ºC)	5 - 35
Coverage (m^2/L)	10 - 24 (per coat)

Coverage area may vary depending on the surface properties (metal, raw wood, furniture, PVC, glass) and the application method.

Application Equipment

Brush	Apply with top quality brush.
Roller	Apply with high quality roller.
Spray gun	with 150-175 bar; nozzle should be 0.015-0.021 in.

Apply with brush or satin roller.

Drying Time (20 °C)

Touch dry (min)	20
Recoat (min)	45
Full dry (h)	24
Hard dry (day)	7

***Drying time may vary depending on application film thickness, humidity conditions, air and surface temperatures.**

Wait 24 hours for varnish application over paint.

Do not use the treated surfaces for 2 days and use with caution against water accumulation and impacts for 7 days.

The product reaches its maximum performance after 28 days.

TS Classification

It confirms with TS 5808 and certificated TSE standart.

STORAGE and PACKAGING

Packaging Information	0,75 L 2,5 L
Storage Conditions	It should be stored in a closed container without being exposed to direct sunlight. The ambient temperature while storage should be between 5-35 °C. Keep container closed when not in use. Preserve against freezing.

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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 NOTES

All the information and guidelines given in this technical bulletin was formed and developed through the experience in the laboratories of PB, and was systematically collected by our field engineers. “Polisan Kansai Boya"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, PB 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.