



AQUEOUS ROAD LINER PAINT

PRODUCT DESCRIPTION

Duralex Aqueous Road Liner Paint is a high-performance, water-based coating used for marking roads, highways, parking lots, and other paved surfaces. Designed with low volatile organic compounds (VOCs), it's a safer and more environmentally responsible alternative to solvent-based paints. This paint is ideal for use in urban areas where reduced environmental impact is essential. Easy to apply and quick to cure, it minimizes road closure times and increases efficiency.

It can be applied with or without glass beads. It may be reflectorized through the addition of glass beads to the surface of the paint film in order to improve night visibility making the road safety ensured.

INTENDED USES

Duralex Aqueous Road Liner Paint is suitable for

- Airport runway and taxiway marking
- Curb and edge line marking
- Pedestrian crossings, arrows, and symbols
- Sport courts or outdoor recreational areas

FEATURES

- Environmentally friendly with low VOC emissions
- Weather resistant and performs well in varying climates
- Safer to handle, transport, and store
- Low odor – Ideal for use in urban or enclosed environments
- Good coverage – efficient spreading rate with long-lasting results

PRODUCT INFORMATION

Appearance	Flat, smooth with matt finish
Color	White, Yellow & Black (Red on special demand)
Composition	Modified cross linking acrylic latex, high-quality pigments and performance additives with hydro system
Application	Brush, Roller and Spray
Flash Point	Not Available
Cleaning	Clean all equipment with Water immediately after use
Thinner	Water
Thinning	5 - 10 %
Coverage	3 – 4 m ² / Liter / coat Actual Spreading rate depends on film thickness applied, surface porosity and texture, imperfections, temperature or wastage.
Specific Gravity	1.5 ± 0.05
Beads Usage	Drop on wet film
Volume Solids (Theoretical)	50 ± 2% For white (Other colors will vary)
No. of Coats	1-2
Wet Film Thickness	200-250 µm / coat
Dry Film Thickness	100-120 µm / coat
Packing	01, 04 and 20 Liters

Drying Information	5°C	15°C	25°C	35°C
Touch Dry	1.5 hrs	1 hrs	30 min	20 min
Hard Dry	12 hrs	06 hrs	03 hrs	02 hr
Recoat	24 hrs	12 hrs	06 hrs	04 hrs

Drying and recoat times are temperature, humidity and film thickness dependent.

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SURFACE PREPARATION AND APPLICATION

The surface must be thoroughly prepared to ensure proper adhesion and durability. This involves cleaning the area to remove all dirt, dust, grease, oil, and any loose or flaking paint. The surface should be completely dry, as moisture can interfere with drying and bonding. Any cracks or damaged spots need to be repaired and smoothed out before painting. It's important to avoid painting over contaminants like oil stains or salts, which can reduce the paint's effectiveness. Application should be done in dry weather, ideally when temperatures are between 10°C and 35°C, avoiding rain, fog, or high humidity. Proper surface preparation is essential for a long-lasting, high-quality road marking.

It can be applied using brushes, rollers, or spray equipment, depending on the size and type of the job. Stir the paint thoroughly to achieve uniform consistency. Apply the paint evenly at the recommended wet film thickness to achieve the desired DFT. For best results, avoid applying in extreme temperatures.

If reflectivity is needed, sprinkle glass beads onto the wet paint immediately after application. Allow the paint to dry fully before opening the area to traffic, which typically takes 1–3 hours depending on conditions. Multiple coats can be applied if greater durability or opacity is required, ensuring each coat dries before the next application. Proper application ensures long-lasting, visible, and durable road markings.

Stir well before use

RECOMMENDED PAINT SYSTEM

Sequence	Products	No. of coats
Finish	Duralex Aqueous Road Liner Paint	1-2
Reflective Beads	Duralex Glass Beads (Type-B)	Sprinkle

Consult Duralex Paints representative for the system best suited for the surfaces to be painted

HEALTH & SAFETY

- Must use goggles, gloves at the time of application.
- A suitable dust mask must be worn when rubbing down.
- Do not smoke while applying paint.
- Keep doors and windows fully open to ensure proper ventilation when applying paint.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- In case of contact with skin, remove splashes from skin using soap and water.
- Don't breathe spray mist or dust.
- Swallowing can result in nausea, vomiting and irritation of gastrointestinal tract.
- This container is only for paint use. Don't use it for edible storage.
- In the event of an accident, collect spillage using sand or earth.
- Do not empty into drains or watercourses.
- Toxic to aquatic environment.
- Toxic by inhalation. If inhalation causes physical discomfort, move to fresh air. If discomfort persists or any breathing difficulty occurs, seek medical advice and show container label.
- Keep out of the reach of children.
- Protect from extremes of temperature. Store in a cool and dry place.
- Safety data sheet available for professional users on request.

TECHNICAL DATA SHEET

AQUEOUS ROAD LINER PAINT

WARNING: Scrapping/sanding off previously painted surfaces may release lead dust or fumes. Lead is highly toxic; take protective measures thoroughly when rubbing off the old surfaces.

NOTE

The information in this data sheet is not intended to be exhaustive; any person using the product for any purpose other than that specifically recommended in this data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at their own risk. All advice given or statements made about the product (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability at all for the performance of the product or for (subject to the maximum extent permitted by law) any loss or damage arising out of the use of the product. We hereby disclaim any warranties or representations, express or implied, by operation of law or otherwise, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. All products supplied and technical advice given is subject to our Conditions of Sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to check with their local representative that this data sheet is current prior to using the product.

The information provided in this data sheet is accurate and authentic to the best of our knowledge and based on standard tests. However results may vary due to possible variations in field conditions and application procedures.

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