



ROAD MARKING PRIMER

PRODUCT DESCRIPTION

Duralex Road Marking Primer is a clear, solvent based tack coat primer which is specially formulated for application on road surfaces before the CR road liner paint or thermoplastic material is applied. Its primary purpose is to improve adhesion between the road surface (such as asphalt or concrete) and the marking material. This ensures that the road markings stick better, last longer, and resist peeling or fading caused by traffic, weather, and environmental factors.

INTENDED USES

Duralex Road Marking Primer is suitable for all these surfaces before top coat.

- Marking lines on roads, highways, and streets
- Parking lots and garage floor markings
- Pedestrian crossings, arrows, and symbols
- Industrial floors with high traffic

FEATURES

- Promotes strong bonding of the paint or thermoplastic markings to the road surface.
- Helps seal porous or rough surfaces, providing a uniform base for the marking material.
- Improves the longevity and wear resistance of road markings.
- Typically dries quickly to allow timely application of the road marking paint.

PRODUCT INFORMATION

Appearance	Flat, smooth with gloss finish
Color	Clear
Composition	Hydrocarbon solvent with aromatic resin
Solvent	Naphtha Petroleum
Application	Brush, Roller and Spray
Flash Point	24°C
Cleaning	Clean all equipment with Duralex Universal Thinner immediately after use
Thinner	Duralex Universal Thinner
Thinning	Not required, up to 5% if necessary
Coverage	6 – 8 m ² / Liter / coat Actual Spreading rate depends on film thickness applied, surface porosity, imperfections, temperature or wastage.
Specific Gravity	1 ± 0.03
Volume Solids (Theoretical)	50 ± 2% For white (Other colors will vary)
No. of Coats	1
Wet Film Thickness	80-120 µm / coat
Dry Film Thickness	40-60 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	12 hrs	12 hrs	06 hrs	04 hrs

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

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.

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On new surfaces, especially concrete, a curing period of several days may be required. The primer should be mixed well, and applied using spray equipment, rollers, or brushes depending on the area and project scale. It is important to apply the primer evenly. Application should take place under suitable weather conditions—dry surfaces, ambient temperatures between 10°C and 40°C, and low humidity are ideal. After application, the primer must be allowed to dry completely—usually between 15 minutes to an hour—before applying the final road marking material. Proper primer application significantly enhances the durability, performance, and lifespan of road markings.

RECOMMENDED
PAINT SYSTEM

Sequence	Products	No. of coats
Primer	Duralex Road Marking Primer	01
Finish	Duralex Chlorinated Rubber Road Liner Paint/ Duralex Thermoplastic Road Marking	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.

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.

UNIVERSAL Paint Industries
Rajbah Road, Link Sumandri Road, Faisalabad 38050, Pakistan
Phone: +92-41 00000000, +92-300-0000000

info@duralexpaint.com, www.duralexpaint.com UAN: +92-41 000-00-0000