



# Desmofloor finish PU 60

**Technical Specifications**  
 Date of Issue: 02/06/2025  
 Version Number: 2<sup>nd</sup>

High-performance, colored aliphatic two-component polyurethane coating for outdoor floors



Desmofloor Finish PU 60 is a high-performance, two-component, aliphatic polyurethane floor coating, specially designed for outdoor surfaces requiring a glossy finish, exceptional durability and long-term protection. It forms a strong yet flexible film that provides excellent UV resistance, preventing yellowing and ensuring long-term color retention. The product demonstrates high mechanical strength, protecting surfaces from abrasion, scratches and daily wear, as well as very good resistance to chemicals, solvents and cleaning agents.

Additionally, it adheres excellently even to non-porous substrates, while its elasticity makes it ideal for applications on surfaces subject to expansions-contraction or periodic mechanical stress.

## Field of Application

Suitable for industrial and exterior floor surfaces, such as:

- Industrial facilities and warehouses
- Workshops, parking areas, gas stations and garages
- Hospitals and laboratories
- Gyms, slaughterhouses, wineries
- Metallic surfaces

## Properties – Advantages

- Unaffected by UV radiation, yellowing, chalking, abrasion, scratches and mechanical stress
- Resistant to organic and inorganic acids, salts, petroleum products and detergents
- High elasticity, adhesion and chemical resistance
- Moisture-resistant, withstands chlorinated water and sudden temperature changes
- Long-term gloss retention
- Ideal for surfaces under periodic stress and for the creation of non-slip outdoor floors

## Physical / Technical Characteristics

Appearance	Thick pigmented paste, slightly reddish
Type	Two-component aliphatic polyurethane
Packaging	5 kg set (A: 3.65 kg / B: 1.35 kg) 10 kg set (A: 7.30 kg / B: 2.70 kg)
Density	~1.35 kg/L
Solids by volume	~50% (depending on color)
Consumption	120–350 g/m <sup>2</sup> (depending on substrate/application)
Dry film thickness	100–300 µm in 1–2 coats
Finish	Glossy
Pot life	3–4 hours

## Application Instructions

### A. Surface Preparation

Surfaces must be clean, dry and free of dust, grease, oil, loose materials, or old coatings. Mechanical surface preparation such as shot blasting or high-pressure water blasting is recommended. Any cracks or cavities should be repaired with suitable epoxy or cementitious repair materials.

### B. Application

Mix component A with component B at the predefined ratio until fully homogenized. Apply using a short-pile roller or airless spray. Apply in 2 coats, allowing 16–24 hours between coats depending on ambient temperature. Maintain stable pressure during application and avoid exposure to moisture during the initial curing phase.

## Thinning

If needed, dilute up to 5% with VERNILAC T2.

## Application Conditions

- Substrate temperature: +8°C to +30°C
  - Relative humidity: ≤75%
- Avoid application below dew point or in the presence of moisture.

## Drying – Recoating

Temperature	Recoat Time	Full Cure
+15°C	32	7 days
+25°C	20	5 days
+30°C	16	4 days





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## Recommendations

- Do not apply under high humidity or on surfaces exposed to direct sunlight during application.
- Avoid any contact with water or steam for at least 24 hours after application.

## Coverage

Approximately 3–8.5 m<sup>2</sup>/kg, depending on the substrate's condition and number of coats.

## Shades

Available in RAL 7035 (Light Grey), RAL 7040 (Grey) and other shades upon request.

**Finish:** Glossy.

## Shelf Life – Storage

Shelf life up to 12 months from production date stored in the original sealed container in a dry shaded environment at +5°C to +35°C. Protect from frost. Reseal tightly after use.

## Tool Cleaning

Tools should be cleaned with water immediately after use.

## Waste Management

Do not dispose leftover paint with household waste or in the sewage system. Dispose of empty packaging according to local regulations. Seek advice from local authorities or national waste disposal services.

## Volatile organic compounds (VOC)

The maximum EU limit value (Directive 2004/42/CE) for this product [Category A/j "Two-pack reactive performance coatings for specific end use such as floors", Type SB] is 500 g/l (2010). This product contains maximum 499 g/l VOC (ready for use).

## Packaging

Available in sets (A+B) of 5kg and 10kg

## Safety Instructions

For instructions on safe handling, see the container label. For detailed instructions on the hazards regarding storage, disposal, and safe use, please refer to the latest Safety Data Sheet which contains ecological, toxicological and other data on safety when handling the product. Poison Center for GREECE: 210 7793 777 / for CYPRUS 1401.

All details, technical data, advice and information provided in this manual are the result of laboratory measurements, numerous tests, long-term research, multiple technical applications, and many years of experience. This information and specifications should be considered as recommendations, as there may be discrepancies between them. The company tries to ensure the accuracy of the information provided, but product specifications are subject to change without notice and may differ from those shown. In practice, differences in materials, substrates and application conditions can affect the suitability of materials for the specific use and working conditions. No liability whatsoever can be established against the company on the basis of the information, written instructions or any other form of instructions provided herein. It is the responsibility of the user to confirm that the material is suitable for the intended use, and consequently, the user is solely responsible for the results obtained from the use of the product. Moreover, the Company is not responsible for normal wear and tear or damage caused by environmental or other improper conditions. The limitations and conditions of the disclaimer apply in line with the applicable legislation. The company maintains a Technical Support Department, which is the only one responsible for providing technical advice and solutions to problems. Requests to the Technical Support Department are addressed and answered only in writing. To access the latest version of the Technical Data Sheet, which replaces all previous versions, please visit our official website at [www.vernilac.gr](http://www.vernilac.gr).



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