

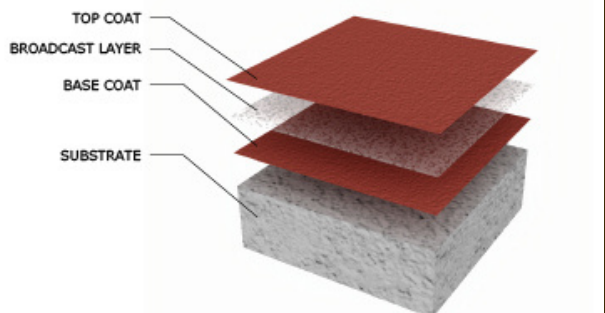
Technical Data Sheet

eurocrete LD

Light-Duty Cementitious Urethane Flooring System

(Formerly DBS)

Eurocrete LD is a roll applied, food-safe cementitious urethane flooring solution, designed for light-duty applications. Applied as a 1/16" to 1/8" it provides an economical and durable alternative to traditional epoxy floor screeds, offering enhanced longevity and anti-slip performance.



Classic Red



Grey



Chemical Resistant

Resistant to fats, oils, blood, sugar, and acids.



Slip Resistant

Positive texture to minimize slip hazards in wet environments.



Physical Resistance

Resistant to wheeled traffic, impacts, and abrasive use.



Easily Cleaned

Cleaning can be done with any method and any materials.

Physical Data

Tensile Strength:	ASTM C 307	2200 psi
Flexural Strength:	ASTM C 580	4500 psi
Coefficient of Thermal Expansion:	ASTM D 2047	1.1 x 10 ⁻⁵ in/in/°F
Abrasion Resistance:	ASTM D 4060 CS 17 Wheel, 1000 cycles	0.08g loss
Adhesion	ASTM D 4541	4.5 MPa (substrate failure)
Softening Point:		126°C / 260°F

Cure Schedule

Time to light traffic:	12 - 18 hr
Time to light wheels:	18 - 24 hr
Time to normal traffic:	24 hr

Times listed are for 20°C ambient temperature and 10 mil build.

Applications

eurocrete LD is the most suitable alternative to conventional epoxy thin mil floor systems in areas such as: Welfare areas, low traffic processing areas, Labs, and R&D facilities.

Installation

Refer to Installation Guide.

Physical & Chemical Resistance

eurocrete LD does not support microbial growth, and has physical properties which are approximately the same as the concrete substrate. It will tolerate a wide range of organic and inorganic acids, alkalis, and salts. It has a high bond strength that can withstand hot water cleaning.

Cleaning & Maintenance

Cleaning is straightforward and can be done with any method and any materials. Regular cleaning is recommended in order to maintain a slip resistant, enhanced appearance and to reduce any tendency to retain dirt. Normal cleaning agents in combination with hot water is acceptable.

Health & Safety

See SDS sheets.

Appearance

eurocrete LD is a two coat squeegee and back roller applied system with a broadcast layer between coats.

This system produces a smooth yet anti-slip surface with a matte finish.

Durability

eurocrete LD has excellent chemical resistance, and its surface profile ensures slip resistance, even in wet process areas. It is resistant to light impact, abrasion, and a wide range of chemicals.

Substrates

The success of our flooring system is dependent upon the proper preparation of the concrete substrate. Diamond grinding is the preferred method since it abrades the substrate to remove any latent materials that could impede adhesion while maintaining a consistent abrasion pattern on the substrate,.

Thickness

It is generally applied between 10 - 20 mil thick.

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