



Technical Data Sheet / *eurocrete* SL

Description

eurocrete SL is a medium duty, self-levelling, smooth flooring based upon polyurethane technology, which provides excellent resistances to abrasion, chemical attack and other forms of physical aggression.

Composition

A water dispersed polyurethane resin system combined with graded silica aggregates.

Appearance

A seamless, matt smooth finish with uniform colour

Durability

High order of durability, resistance to abrasion, impact and chemical attack

Thickness

Typically 1/8 inch

Typical Applications

Provides a matt, smooth surface suitable for use in areas subject to heavy wear but not constantly wet. They will withstand heavy traffic, steel wheels and a wide variety of general applications within the electronics, textiles and engineering fields. They are ideal for areas where a clean environment is required, and where there is substantial medium-weight traffic but few spillages. These products do not form a particularly thick layer, and are therefore only resistant to moderate impact. However, their resistance to such maltreatment still far exceeds the performance of alternative materials such as concrete. Properly specified, these products should have a life span of at least ten years.

Physical Properties

Compressive Strength	6,800 psi
Tensile Strength	1,050 psi
Flexural Strength	2,600 psi
Elastic Modulus	1.1 x 10 ⁵ psi
Density	125 lbs. / sq. ft.
Softening Point	260°F / 126°C

Substrates

Concrete, polymer reinforced screeds, grano concrete, steel

Cleaning and Maintenance

Normal propriety cleaning agents combined with pressure washing may be employed. Regular scrubbing and mopping will maintain these floors in serviceable conditions.

Cure Schedule

Usable Life of full unit/mix at 20° C	15 minutes
Initial film gel time (joining up) at 20° C	20 minutes
Cure time to light pedestrian traffic at 20° C	5-7 hours
Cure time to light wheeled traffic at 20° C	12-16 hours
Cure time to heavy duty traffic at 20° C	24 hours
Full cure at 20° C	3-5 days

Chemical Resistance

Excellent resistances to organic and inorganic acids, alkalis, fuel and hydraulic oils, aromatic and aliphatic solvents.

Colours Available

Available in *eurocrete* standard colours – Red, Grey, Blue and Buff. Custom colours are available; see RAL# standard colours.

Health and Safety

See MSDS sheets.

eurocrete - Division of Bedford Industries Ltd.

Unit #1 – 9452 193 A Street

Surrey, BC V4N 4N4 Canada

Phone: 604-513-5855

Fax: 604-882-9571

Website: www.eurocrete.com