Self Leveling 2 mm Epoxy Floor System

Seamless Self Leveling Epoxy Flooring System for Industrial and Decorative use Intended for Medium to Heavy Loads

▸ System Characteristics:

The Self Leveling 2 mm Epoxy Floor System is used for Industrial floors with medium to heavy loads, including the traffic of forklifts with rubber wheels of up to 5 tons. The System sustains diluted acids, oils and fuels and has decorative seamless finish that is easy to clean and maintained.

▸ System General Description:

theSelf-Leveling seamless solvent free epoxy system composed of colored epoxy resin and graded quartz aggregates applied at thickness of 2 mm.

▸ Infrastructure:

Constructive concrete (C30 at least), at least 28 days old, fully dry (moisture content up to 4%), with compressive strength of 30 Mpa, flat, leveled, crack free concrete finish (power trowel finish is recommended). Full details as per Epolac Surface preparation manual.

▸ Surface Preparation:

Diamond Grinding, milling, shot-blasting, until clean, sound, contamination free surface is obtained, without laitance, loose parts and dust. Full details as per Epolac Surface preparation manual.

Any cracks and oncrete imperfections and deformity should be treated as per Epolac surface preparation manual, before the system application.

▸ System finish:

Glossy.

▸ Possible System Upgrade:

A clear top layer of MC-7 for improving chemical durability, or Epoglass for Semi Matt finish.

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▶ System Composition:

Layer	System Components	Dry Film Thickness	Waiting period between the layers at 25ºC	Color
Base Layer	SL – 200	150 µm	24 hours	Clear
Upper Layer	SL 4000 + fillers	1850 µm	24 hours	According to the request

▶ Material consumption:

Material	Package Size [KG]	Layer	gr/sqm	sqm/ package
SL200 (Part A+B)	12.9	Base Layer	150	86
SL4000 (Part A+B)	14.9	Upper Layer	1,000	15
Mix3	25	Upper Layer	770	32
SL filler	25	Upper Layer	1,050	24

Note: the system final thickness is also determined by the surface condition and preparation and is highly affected by the concrete porousness.

The recommendations provided on this document are based solely on theoretical laboratory computation, and should be used as a preliminary basis for the system selection. The actual site data are influenced by factors such as the type of equipment, type and quality of the infrastructure, weather, winds, height and so forth. Epolac will not be responsible for systems that are not implemented according to the technical specifications and the safety documents and without the guidance and supervision of its authorized personal.

For additional information contact our local agent

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