

Maxi 2 mm Epoxy Floor System

Heavy Duty, Anti Slip Epoxy Flooring System for Long Standing Industrial Use
Intended for Medium to Heavy Loads



► System Characteristics:

The Maxi 2 mm is heavy duty, seamless, anti-slip industrial floor system, with excellent standing in medium to heavy loads; including traffic of forklifts with hardened wheels of up to 5 tons. The System has good abrasion resistance and sustains diluted acids, oils and fuels.

► System General Description:

With its high durability and anti slip characteristics the system can be applied in any industrial environment including manufacturing, wet processing facilities, metalworking, warehouses with heavy forklift traffic, etc'. It is a 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 concrete imperfections and deformity should be treated as per Epolac surface preparation manual, before the system application.

► System finish:

Glossy or semi glossy.

► Possible System Upgrade:

A clear upper layer of MC-7 for improving chemical durability.



► System Composition:

Layer	System Components	Dry Film Thickness	Waiting period between the layers at 25°C	Color
Base Layer	SL – 200	400 µm	None	Clear
Base Layer (seeding)	Quartz aggregate	Integrated thickness 875 µm	24 hours	Naturally Clear
Upper Layer	SL 4000 + fillers	Integrated thickness 725µm	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	400	32
Broadcast Quartz 0.8-1.2	25	Base Layer	1,750	14
SL400 (Part A+B)	14.9	Top Layer	470	31
SL filler	25	Top Layer	270	93
Mix3	25	Top Layer	270	93

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

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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household & office furniture works plc