

POLYCOAT MC

Highly Resistant Polyaspartic Matt Coat Finish

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Formerly Pagel Pakistan Pvt. Ltd.

Description

PolyCoat MC is a two component, matt aliphatic polyaspartic coating. It is designed to be applied as a fine top coat for demanding applications, requiring a heavy-duty floor.

- Excellent abrasion resistance, scratch resistance.
- Matt finish.
- UV resistant.
- Good adhesion to non-porous surfaces.
- Low viscosity.
- Easy to clean and maintain.

Recommended Uses

- Sports floors.
- Top protective layer for Epoxy & PU coatings.
- Running tracks.
- Exterior and interior applications.

ADMIXTURES

SPECIAL ADMIXTURES

SURFACE IMPROVEMENT

GROUTS

WATERPROOFING

FLOORING

INDUSTRIAL COATINGS

JOINT SEALANTS

REPAIR/CRACK INJECTION

TILING SYSTEMS



Technical Data

		PolyCoat MC	
Type		RAL	Colours on Request
Colour		%	50
Elongation at Break (DIN 53504)		Shore D	85
Surface Hardness (DIN 53505)		mm	1 - 1.5
Crack Bridging ability			<35mg
Abrasion Resistance (EN 1504-2)			Class II
Impact Resistance (EN 1504-2)		MPa	>1.5
Adhesion to Concrete (EN 24614)		N/mm	22
Tear Strength (DIN 53515)		200-400°C	
Thickness micron		°C	90
Temperature resistance			100 cP
Viscosity	25°C		1.07
Density		kg/l	

Important Information:

Supplied in: 5 kg units.

Storage: Dry, frost free area.
Out of direct sunlight.

Shelf life: 12 months.

Hazard Class: No dangerous goods.
Consult MSDS for details.

Application Guidelines

Substrate Preparation:

The surface must be dry and clean. Remove any contaminants before application. Application should be within 24 hours of underlying layer.

Mixing:

Provided in pre-packed units. Stir both part A and part B gently before mixing. Add all the components of part B into the container of part A. Mix with a slow drill mixer until homogeneous. Scrap the bottom and the sides in intervals to ensure complete mixing.

Application:

Use shorthaired roller for application. Apply in long strides to cover the surface. Always work wet to wet otherwise there is chance for roller marks to appear. Apply the roller repeatedly to get an overlapping finish. Always roll in the same direction to avoid any visual differences.

Curing Time:

Curing time is affected by ambient and surface temperature. Low temperatures slow down the reaction thus increasing the curing time. High temperature will speed up the process and reduce pot life. The substrate must be above 3°C.

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