

ECOGARD® RAC 8500

500 microns High Build Epoxy Floor Coating

032-100
Environmentally Friendly /
Low VOC Coating



DESCRIPTION

A 500 microns thick high build, light to medium duty, epoxy coating system, available in a range of colours.

USES

Suitable for light to medium-duty applications in clean rooms, laboratories, packing areas, assembly areas and medium-duty manufacturing areas in pharmaceutical plants, dry food manufacturing plants, wafer fabrication plants, electronics and computer manufacturing plants, printing and packaging plants, aircraft and aerospace industries.

BENEFITS

- Economical solventless system.
- Chemical resistant and easy to maintain.
- Quick installation, excellent for quick turnaround jobs.

TECHNICAL DATA

Number of coats.....	3
Dry Film Thickness.....	500 microns.
Finish.....	Gloss.
Abrasion Resistance..... (ASTM D 4060, CS17 wheel @ 1000g loading)	0.1g max weight loss.
Bond Strength (ACI Committee #503).....	>400psi (100% concrete failure)

SYSTEM STRUCTURE	PROCESS	PRODUCT/EQPT	DOSAGE
	Degreasing (if necessary)	Degreaser	Contact Us For More Details
	Shot Blasting	Blastrac 1-10D	
	Epoxy Primer	EP824	
	Epoxy Grout Coat	EP826 & Filler #8	
	Epoxy Finishing Coat	EP822	
<p><u>NOTE :</u> ECOGARD® RAC 8500 should not be applied at floor temperatures below 15°C. Temperatures should not fall below 10°C in the 24 hours after application.</p>			

APPLICATION

SUBSTRATE REQUIREMENTS / PREPARATION

- Concrete floor must be waterproofed and graded to specified levels and falls.
- Chip off all cement droppings and cement overpours.
- Degrease oil/grease contaminants with industrial degreaser.
- Roughen surfaces with heavy-duty diamond disc floor grinder or light shotblasting.
- Remove dust with industrial vacuum prior to application of coating.

APPLICATION PROCEDURES

- Apply Polygard EP824 epoxy primer and allow to dry for a minimum of 6 hours.
- Apply Polygard EP826 epoxy grout coat and allow to dry for minimum 6 hours.
- Apply Polygard EP822 epoxy finish coat.
- Allow 24 hours drying time before opening to light foot traffic and 7 days for chemical service conditions.

SAFETY REQUIREMENTS

Products contain epoxy resin and amines. Do not take internally. May irritate eyes and skin. Protective clothing and gloves are recommended to prevent sensitization to these materials. In case of eye contact, flush with soap and clean water and seek medical attention.

TECHNICAL ASSISTANCE

ECOGARD® RAC 8500 Floor System should be applied by specialist applicators. Technical advice or assistance on suitability of system for specific application and end-user requirements are available from **POLYMER INTERNATIONAL HOLDING PTE LTD**. Individual Product Data Sheets are available upon request.

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