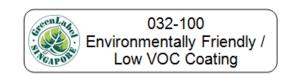
## **ECOGARD® VDS 2883**

2mm Epoxy Vehicular Deck Topping with Aluminum Oxide Non-Slip Finish





## **DESCRIPTION**

A 2mm thick solventless epoxy topping with aluminum oxide non-slip finish.

## **USES**

Suitable for medium to heavy-duty applications at vehicular parking decks, general traffic areas, traffic ramps, traffic aisles and vehicle workshops.

## **BENEFITS**

- Solventless system.
- Chemical resistance.
- Excellent impact resistance.
- Superior abrasion resistance.

## **TECHNICAL DATA**

After 7 days cure @ 28°C				
Compressive Strength(ASTM C-579)	<b>8,500psi</b> (58.6 MPa)	Tensile Strength(ASTM C-307)	<b>2,000psi</b> (13.8 MPa)	
Flexural Strength(ASTM C-580)	<b>3,800psi</b> (26.2 MPa)	Hardness(ASTM D-2240/Shore D)	82	
Abrasion Resistance(ASTM D-4060, CS-17 Wheel)	<b>76g</b> max wt. Loss @ 1000g loading	Bond Strength(ASTM D-4541)	> <b>400psi</b> (100% concrete failure)	
Flexural Modulus Of Elasticity5.0 x 10 <sup>6</sup> psi (ASTM C-580)		Coefficient Of Expansion3.2 x 10 <sup>-5</sup> cm/cm <sup>0</sup> C (ASTM E-831)		
Temperature Resistance	<b>60°C</b> (Continuous Exposure)	Water Absorption	0.2%	

SYSTEM STRUCTURE		PROCESS	PRODUCT/EQPT	DOSAGE	
		Degreasing (if necessary)	Degreaser		
Existing Concrete		Shot Blasting	Blastrac 1-10D	-	
	Shot Blasted Surface	Epoxy Primer	EP826	- Contact Us For More	
	Epoxy Primer Broadcast	Broadcast Silica Sand	Filler #3	_ Details	
	Epoxy Seal Coat	Epoxy Seal Coat	EP826 & Filler #10		
		NOTE:			
-		<b>ECOGARD® VDS 2883</b> should not be applied at floor temperatures below 15°C. Temperatures should not fall below 10°C in the 24 hours after application.			
00	. 00 00	Extremely porous floor may require additional primer.			

### **APPLICATION**

#### SUBSTRATE REQUIREMENTS / PREPARATION

- Concrete floor must be waterproofed and graded to specified levels and falls.
- Concrete floor shall be cured for minimum twenty-one (21) days.
- Chip off all cement droppings and cement overpours.
- Degrease oil/grease contaminants with industrial degreaser.
- Shotblast surfaces to achieve suitable surface profile.
- Remove dust with industrial vacuum prior to application of coating.

#### **APPLICATION PROCEDURES**

- · Apply Polygard EP826 epoxy primer coat.
- Immediately broadcast silica quartz onto wet epoxy primer until saturation. Allow six (6) hours drying time.
- Apply Polygard EP826 as seal coat finish with aluminium oxide and allow to dry for six (6) hours.
- Allow twenty-four (24) hours drying time before opening to light foot traffic and seven (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® VDS 2883 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 PTE LTD**. Individual Product Data Sheets are available upon request.

The statement provided concerning the materials shown are intended solely as a general guide for material usage and are believed to be true and accurate. Since the manner of use is beyond our control, POLYMER INTERNATIONAL does not make nor does it authorize anyone to make any warranty of merchant ability or fitness for any purpose or any other warranty, guarantee or representation, express or implied, concerning this material except that it conforms to POLYMER INTERNATIONAL product sample. Buyer and user except the product under these conditions and assume the risk of any failure, injury of person or property and loss or liability resulting from the handling, storage or use of the product, whether or not handled, stored or used in accordance with directions or specification. Under no circumstances shall POLYMER INTERNATIONAL be liable for consequential or incidental damages arising from any breach of warranty. In all cases, POLYMER INTERNATIONAL liability is limited, at POLYMER INTERNATIONAL option, to the replacement of goods or their value, proven to be defective in manufacturing.

# POLYMER INTERNATIONAL HOLDING PTE LTD 289, Kaki Bukit Ave. 1, Shun Li Industrial Park, Singapore 416079

**SINGAPORE** Tel: (65) 6749 3113 Fax: (65) 6749 3990 Email: sales@polymer-international.com SELANGOR Tel: (603) 5121 3388 Fax: (603) 5121 6113 Email: pam@polymer-international.com JOHOR BAHRU Fax: (607) 358 4757 Tel: (607) 358 5755 Email: paj@polymer-international.com THAILAND Tel: (66) 85 661 1377 Fax: (662) 905 3319 Email: patt@polymer-international.com INDONESIA Tel: (62-21) 2928 0744 Email: pai@polymer-international.com **PHILIPPINES** Tel: (63) 916 482 2746 Email: patp@polymer-international.com