

# Product Data Sheet

## PHOEPOX® 1001

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November 2015



### Phoepox® 1001

is a highly durable fusion-bonded polyester powder, which is designed as a top layer for UV and weathering resistance over single or multi-layer FBE systems.

			Typical Value	Test Method / Device
<b>POWDER PROPERTIES</b>	<b>GEL TIME</b>	at 180°C	35-55 seconds	ISO 8130-6
	<b>DENSITY</b>		1.6 ± 0.1 g/cm <sup>3</sup>	Gas Pycnometer
	<b>PARTICLE SIZE</b>		99.8% < 250 µm	Laser Scattering
	<b>MOISTURE CONTENT</b>		≤ 0.5%	CSA Z245.20-06
	<b>COLOR</b>		White (for other colors, please contact us)	
<b>PHYSICAL TESTS</b>	<b>CATHODIC DISBONDING * (OVER PHOEPOX 3305)</b>	1-3 mm at -3.5 VDC, 65°C, 24 hours 2-5 mm at -1.5 VDC, 20°C, 28 days		CSA Z245.20-06
	<b>ADHESION *</b>	Rating 1 at 75°C, 24 hours		CSA Z245.20-06
	<b>FLEXIBILITY * (OVER PHOEPOX 3305)</b>	Pass, at 2°, 0°C		CSA Z245.20-06



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### STORAGE STABILITY

12 months from production date in  
≤ 23°C and ≤ 65% relative humidity.  
Cooler temperatures and lower  
humidity are recommended.

\* The performance will be affected by surface preparation and curing condition.

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### APPLICATION DATA

**SU**strate FBE coated steel

**RECOMMENDED  
FILM THICKNESS** 75-150 µm

**APPLICATION  
TEMPERATURE** 225-240°C