

Product Data Sheet

PHOPOX® 1002

1/1

December 2019



Phoepox® 1002

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

			Typical Value	Test Method / Device
POWDER PROPERTIES	GEL TIME	at 180°C	40-60 sec	ISO 8130-6
	DENSITY		1.6 ± 0.1 g/cm ³	Gas Pycnometer
	PARTICLE SIZE		99.8% < 250 µm	Laser Scattering
	MOISTURE CONTENT		≤ 0.5 %	CSA Z245.20-06
	COLOR		White (Other colors are available based on clients request)	
PHYSICAL TESTS	CATHODIC DISBONDING * (OVER PHOPOX 3314)	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
	ADHESION *	Rating 1 at 75°C, 24 hours		CSA Z245.20-06
	FLEXIBILITY * (OVER PHOESNIX 3314)	Pass, at 2°, 0°C		CSA Z245.20-06
	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.				
APPLICATION DATA	SUBSTRATE	FBE coated steel		
	RECOMMENDED FILM THICKNESS	50-150 µm		
	APPLICATION TEMPERATURE	215-240°C		



◀ corrosion protection that stays.