

Corashield®

WATERBORNE ANTI-CHIP COATING

P7972-W

CSPB-002

Product Description

CORASHIELD® P7972-W is a one component waterborne coating designed to prevent chipping, cracking or marring of painted or unpainted surfaces after exposure to high impact sand, gravel or other abrasive materials.

Advantages

- Can be applied via spray, brush, roller or trowel spreader
- One component
- Air dry
- High performance-to-price ratio
- Waterborne
- Light weight

Technical Properties

Resin Chemistry:	Acrylic	RTS Blend Ratio:	as is (package)
Physical State:	Liquid - Viscous	Applicable Use Category:	Single-Stage Ctg., Primer, Other
Color:	White	VOC Actual (g/L)	6
Odor:	Slight Ammonia	VOC Actual (lbs/gal)	< 0.1
Flash Point	208°C (406°F)	VOC Regulatory (g/L) (less water less exempt)	10
Viscosity:	38,000 cps	VOC Regulatory (lbs/gal) (less water less exempt)	< 0.1
pH:	9.5	Density (g/L)	1022
HAP (lbs/gal)	0.0	Density (lbs/gal)	8.53
Storage Temp.:	10 – 32°C (50 – 90°F)	Volatiles wt. %	40.3
Shelf Life:	Stable	Water wt. %	35.1
Specific Gravity:	1.02	Exempt wt. %	0.0
Solids Wt.%	59.7	Water vol. %	35.9
Sq Ft. Cov./ US gal. 1 mil @ 100% T.E.	622	Exempt vol. %	0.0
		Solids vol%	38.8

Waterborne Anti-chip Coating P7972-W

Equipment Information

P7972-W is applied using airless spray gun equipment and may be pumped with a 30:1 or 50:1 pump with a siphon feed. If needed, P7972-W can be applied using a special 50:1 high pressure pump with a ram feed.

In most cases, final air pressure of 2,200 – 3,200 psi is sufficient. Pumps should be constructed of stainless steel contact components.

Use and Control Instructions

Apply coating onto substrate and air dry at room temperature. Material will be dry to touch within 90 minutes, dry hard within 24 hours and be fully cured within 72 hours.

- Coating should be applied at 18-22 mils wet to achieve 10-13 mils dry
- Coating must be applied at ambient temperatures of 50°F to 90°F
- Humidity must be 0% to 80% to dry within 30 minutes
- Substrate cannot exceed 100°C when coating is being applied
- Do not expose coating to freezing temperatures
- Heat of 82°C or less can be used to force dry the coated parts
- Excessive temperatures can cause product blistering
- Air drying is the recommended process
- Shelf-life is 3 months
- Recommended storage temperature is 10 – 32°C (50 – 90°F)

Substrate surface must be clean and dry before applying CORASHIELD[®] P7972-W.

Remove excess dust, dirt and debris from the substrates to be bonded with a clean, dry lint-free cloth. Wiping the substrate with a solvent or degreaser may be necessary to remove any oils, grease or tar from the surface. Power washing may also be used to remove any dirt and loose material from the substrate surface.

This is a water-based coating and cannot be exposed to freezing temperatures.

CORASHIELD 7972-W will skin over once opened so reseal container tightly.

Clean Up

Wet Coatings: Use water for clean-up

Semi-Dried Coatings: Mixture of isopropyl alcohol and water should be used

Dried Coatings: GXKH9001 or an aliphatic and / or aromatic solvent should be used to remove uncured adhesive

Precautions

Consult the most recent Material Safety Data Sheets for health and safety information relative to the safe handling and storage of this material, and all reagents and indicators used to control this material. Emergency 24 hour CHEMTREC number: 800.424.9300

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