

AUDIO GUARD®

ACOUSTICAL COATINGS

P8175

AGPB-001

Product Description

AUDIOGUARD® ACOUSTIC COATING P8175 is a one component, waterborne, sprayable coating designed to reduce structure-borne vibrations and associated sound transmissions. The coating is useful wherever a reduction in airborne noise is desired and reduced surface flammability is needed.

Advantages

- One component
- Air dry
- High performance-to-cost ratio
- Waterborne
- Vibration damping
- Reduced sound transmission
- Dry to touch in 90 minutes
- Cures in 72 hours
- Provides a tough coating that helps prevent chipping, cracking or marring of painted or unpainted surfaces

Technical Properties

Resin Chemistry:	Acrylic	RTS Blend Ratio:	as is (package)
Physical State:	Liquid	Applicable Use Category:	Single-Stage Ctg., Primer, Other
Color:	Black	VOC Actual (g/L)	2
Odor:	Mild	VOC Actual (lbs/gal)	0.02
Flash Point	208°C (406°F)	VOC Regulatory (g/L) (less water less exempt)	4
Viscosity:	60,000 cps (Brkfld RVF @ 25°C (77°F) spindle #7/20 RPM)	VOC Regulatory (lbs/gal) (less water less exempt)	0.03
pH:	7.0	Density (g/L)	1769
HAP (lbs/gal)	0.0	Density (lbs/gal)	14.76
Storage Temp.:	10 – 32°C (50 – 90°F)	Volatiles wt. %	21.7
Shelf Life:	90 days from PPG's initial ship date	Water wt. %	21.6
Specific Gravity:	1.77	Exempt wt. %	0.0
Solids Wt.%	78.3	Water vol. %	38.2
Sq Ft. Cov./ US gal. 1 mil @ 100% T.E.	863	Exempt vol. %	0.0
		Solids vol%	61.6

Equipment Information

P8175 is applied using airless spray gun equipment and requires a special 50:1 high pressure pump with a ram feed. Pumps should be constructed of stainless steel contact components.

Equipment ranges listed here are suggestions; actual airless spray gun and pressure settings may vary based upon desired spray fan width and film thickness.

Application Area	Spray Fan Width	Spray Gun Tip Orifice	Spray Gun Pressure
Large area (e.g., underbody, chassis, etc.)	8 – 10"	.019" – .025"	2800 – 3200 psi
Small area (e.g., cabinet, interior of ambulance body, cab door and body interior, etc.)	4 – 6" Will minimize backspray while applying material	.019" – .025"	2200 – 2800 psi

Acoustic Coating P8175

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.

- Recommended coating weight: 40 – 100 mils dry
- Coating must be applied at ambient temperatures of 10° to 32°C (50° to 90°F)
- Humidity must be 0% to 80% to dry within 90 minutes
- Substrate should not exceed 38°C (100°F) when coating is being applied
- Keep coated parts from freezing within the first 24 hours
- Heat of 66°C (150°F) or less can be used to force dry the coated parts
- Excessive temperatures can cause product to blister and crack
- Air drying is the recommended process
- There must be proper air flow around coated parts to ensure even drying
- Substrate surface must be clean and dry before applying P8175
- Shelf-life is 3 months from PPG's initial ship date
- Recommended storage temperature is 10 – 32°C (50 – 90°F).

Remove excess dust, dirt and debris from the substrates to be bonded with a clean, dry cloth, or air stream. 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 can not be exposed to freezing temperatures.

AUDIOGUARD[®] ACOUSTIC COATING P8175 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: GXXH9001 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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PPG Industries Commercial Coatings

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