

TECHNICAL DATA SHEET

Hospital Protective Coating (HPC¹²)

Product Description:

Hospital Protective Coating (HPC¹²) is a 1K waterborne nano-based siliconized-acrylic containing molecular disinfectants to aid in the protection against viral spores and bacterial contamination on hospital operating room building wall, floor and ceiling surfaces. The HPC¹² microbicidal polymer formulated coating remains effective against killing spores when the coating has dried while providing a non-toxic APEO free washable surface.

HPC¹² barrier coating should be used in all public areas where viral and bacterial vulnerability is eminent such as food processing plants, health care facilities, bathrooms, public elevators, restaurants, tight quartered cruise ships, etc.

Application Parameters:

- 1-component waterborne barrier coating. Surface to clean and free of contaminates prior to wet application.
- Coating may be applied by low pressure high-volume air-less spray equipment, roller or brush.
- Appearance maybe flat or gloss, smooth slick polymer-look & feel surface.
- Very low odor during wet application. Zero VOCs.
- Dry Time to touch 20 min, full cure overnight.

HPC¹² Material Property Values and Application Information

Property	Value	Test Method
Solids by weight	80% +/- 2%	ASTM D5201
Abrasion Resistance	5 mg loss /1000 cycles	ASTM D4060 (CS-17)
Hardness Shore D	45-50	ASTM D785
Elongation	~100%	ASTM D412
Coverage 200 sqft./gal. Colors available.		
Protect from freezing, moisture-free storage temperature 55°F to 90°F (13°C to 32°C). Tightly cover container in storage, shelf life 6 months not opened.		
Application ambient temperature: 46F(8°C)- 95F(35°C), <60% ambient humidity, surface temperature 46F(8°C)- 90F(32°C).		

Please contact our Engineering and/or Technical Support Groups with any questions.

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