

22-P



Lock-Down Encapsulant
Penetrating Encapsulant
Soil Encapsulant
Lead Paint Lock-Down
Transite Lock-Down

Penetrating & Lock-Down Encapsulant

22-P is a specialized latex emulsion that is UL Classified and meets all U.S.E.P.A. and industry standards for asbestos encapsulants. 22-P has been tested by independent laboratories and organizations on numerous occasions. The results of those tests, in addition to its performance in actual field applications, have *distinguished* 22-P as the industry's most effective penetrating and lock-down encapsulant.

22-P is a one-component formula that is applied by airless spray equipment. It is used for:

- Lock-Down Encapsulation Following Removal
- Encapsulation of Existing Friable Surfaces
- Encapsulation of Surface Soil Layer
- Lock-Down of Abated Lead Painted Surface
- Lock-Down of Transite Surfaces

22-P: LOCK DOWN ENCAPSULANT

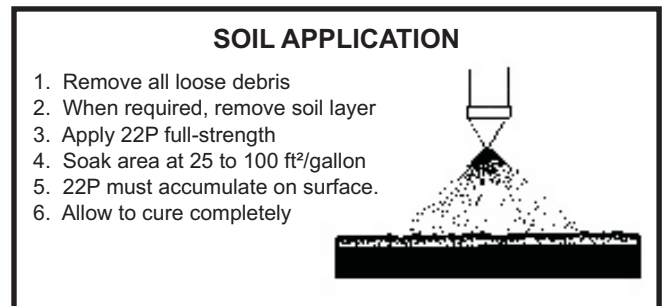
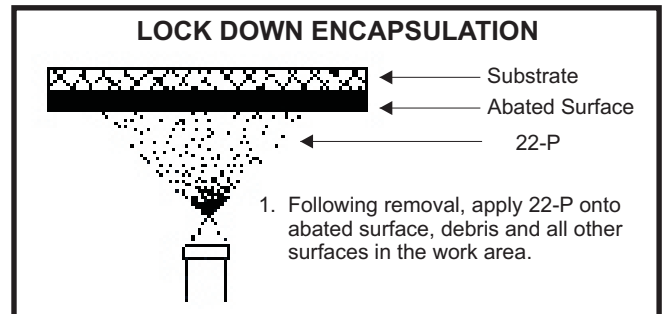
22-P is used most extensively as a lock-down encapsulant. Following removal, 22-P is misted throughout the work area, including the plastic barriers and debris, to lock down any potential residual fibers and to provide a final measure of protection.

22-P saves more than 30% in material and labor costs over competitive encapsulants. 22-P's unique formula provides superior adhesion to virtually all surfaces, resulting in much faster applications, greater coverage per gallon and far less waste. During the lock-down process, 22-P's high solids content allows for misting it either full strength or diluting it with up to 3 parts water.

22-P: FULL STRENGTH ENCAPSULANT

As a full strength encapsulant, 22-P penetrates into the affected matrix, coats and binds treated fibers in place, and forms a hard, durable surface. Treated fibers are locked within the substrate preventing them from becoming airborne.

22-P's exclusive polymer imparts an elastic-like resilience to the treated matrix that significantly reduces the original state of friability. Surfaces treated with 22-P are impact resistant and much less susceptible to damage than in their original condition.



- UL Classified. Meets all EPA and Industry Standards
- 'A' Flame Spread: ASTM E-84 and ASTM E-162
- Superior adhesion to virtually all surfaces saves time
- Water insoluble when cured
- Resistant to chemicals, oils and abrasives
- Versatility allows for use as Lock-Down or Penetrant
- Compatible with all standard replacement products
- Imparts elastic-like resilience & durability to surface
- Fortifies matrix improving physical integrity
- Maintains its flexibility...Does NOT become brittle
- Impact Resistance of 140 inch pounds @ 1/2 inch
- Dries clear...Available in tints upon request

(800) 533-0151

PRODUCT DATA & TEST RESULTS

Product Class	Lock Down Encapsulant Penetrating Encapsulant
Viscosity, cps	40
Percent Solids by Weight	Greater than 18
Percent Solids by Volume	16-24
Maximum Penetration (Friable Matrix)	1.50
Impact Resistance, inch pounds (Friable Matrix)	140
pH	4.0
Specific Gravity	1.08
Weight per Gallon	9.0
Reactivity Data	Stable
Incompatibility	Strong Oxidizers
Freeze Point	32°F
Storage Parameters	40° to 100° F
Odor:	
Wet	Latex
Dry	None
Color:	
Wet	Milky white
Dry	Translucent

FLAMMABILITY DATA

OSHA	IIIB
DOT	Not Regulated
Flash Point (TCC)	212° F
ASTM E84-86:	
Flame Spread Index @ 100 ft ² /gal	0
Smoke Developed @ 100 ft ² /gal	10
Flame Spread Classification	A
ASTM E 162: Friable Matrix	
Flame Spread Index @ 20 ft ² /gal	17
Flame Spread Class	A

SMOKE GENERATION: FRIABLE MATRIX

Opt. Density Flame Mode	3
Maximum Smoke Density:	
Percent by Flame Mode	21
Percent by Glow Wire Mode	8
Toxic Gas Release:	
CO, percent by volume	.03
HCl, ppm	Less than 1
HCN, ppm	Less than 2
NO + NO ₂	Less than 5

EQUIPMENT EQUIVALENTS

Electric Airless Pump	Graco EH-333; Eh-433; Bulldog
Hose Size	¼" to ½" Inner Diameter
Tip Size	.019 to .026
Spray Gun	Standard Paint Gun

Apply at lowest setting still capable of atomizing material.
Always flush equipment thoroughly with water after use.

APPLICATION RECOMMENDATIONS

Follow all Federal, State and Local regulations governing the safe handling, treatment and disposal of asbestos and/or lead containing materials. Refer to Material Safety Data prior to usage. Keep MSDS available during all applications. Wear safety non-skid footwear. Clean equipment thoroughly following each usage. Avoid direct contact with hot surfaces.

Coverages are approximate and totally dependent upon field conditions, substrate and method of application.

Trial applications by user are recommended to determine the product's desirability and effectiveness for each application.

Lock Down: Full Strength Coverage up to 1500 ft²/gallon

1. Make sure all visible asbestos materials have been removed per project specifications.
2. Determine desired concentration. Use a rapid spray motion applying 22-P to all surfaces in work area, including debris and protective barriers. Avoid hot surfaces.
3. One thorough misting should be sufficient. Allow to cure prior to installing replacement material.

Encapsulation: Full Strength Coverage 40 ft²/gallon*

1. Remove all hanging or loose material from the substrate.
2. 22-P must be used full strength for this procedure.
3. Apply 22-P to surface until saturation evidenced by slight dripping. (Some surfaces may require a light 'mist' coat of 22-P to enhance penetration.) Avoid hot surfaces.
4. Allow first coat to set a minimum of 4 hours.
5. Apply second coat of 22-P until saturation as evidenced by slight dripping. Allow to cure completely.

Soil: Full Strength Coverage 25-100 ft²/gallon

1. Remove all loose debris from the area.
2. When required, remove top portion of soil.
3. No standing water may be present.
4. 22-P must be used full strength for this procedure.
5. Using continuous passes, thoroughly soak the soil in a predetermined area until there is a surface accumulation 22-P.
6. Allow 22-P to soak into the soil and cure. Time will be dependent upon field and soil conditions.

* Coverage is *per coat* at approximately ½ inch penetration into substrate.



AMERICAN COATINGS CORPORATION

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