TEMATI Foster
THINKING SOLUTIONS

Technical Data Sheet

32-60/ 61 Foster Asbestos Removal Encapsulant

Colour
32-60 Blue
32-61 Clear

Type
Copolymer

Volatile
Water

Weight per gallon (ASTM D-1475)
8.4 lbs. (1.01 kg/litre)

Application method
High Pressure or Low Pressure Airless Spray

Coverage
(Subject to the nature of the material being removed or encapsulated. Varies with the matrix, or substrates absorbency, density, and thickness.)

Removal
– Saturation to substrate in 1 coat – ± 2 l/m^2 at 25 mm thickness, theoretical. Actual required quantities to be determined by application to the intended ACM.

Post-Removal Residual Fibre

Encapsulation ± 5 to 7,5 m^2/l, dependent upon the absorptivity of the intended substrate.

Odour
Wet – Mild
Dry – None

Surface tension (ASTM D-1331)
29.6 dynes/cm

Wet Flammability (ASTM D3278)
No flash to boiling, 210°F (98.9°C)

Surface Burning Charactyeristics (ASTM E 84)
Flame Spread 7.0
Smoke Developed 0.0

Applied to ¼" (6.4 mm) Cement Board at a coverage rate of ½ gallon per 100 sq. ft. (0.2 l/m^2). The flame spread may vary at different product thickness and/or when applied over surfaces other than cement board.

FOSTER® ASBESTOS REMOVAL ENCAPSULANT AND POST-REMOVAL RESIDUAL ENCAPSULANT

Foster® Asbestos Removal Encapsulant is a polymeric, water-based product. It penetrates and "wets-out" all types of asbestos quickly and thoroughly, including AMOSITE and CROCIDOLITE. As it penetrates through the ACM, it absorbs onto the individual fibres to lock them together, reducing the possibility of loose fibres from becoming airborne during the removal process. Creating an aerosol atmosphere during its initial application allows the atomized material to attach itself to, and "wet-out", pre-existing airborne fibres providing improved air quality during the removal operation. These now weighted fibres collect on the containment structure. If allowed to dry they become adhered, reducing the possibility of reintroduction, and reducing the high cost of the labour intensive final clean-up.

Foster® Asbestos Removal Encapsulant is capable of being diluted to a maximum ratio of 4 parts water to 1 part Removal Encapsulant, depending on application.

Foster® Asbestos Removal Encapsulant, when used full-strength (undiluted), makes an excellent post-removal, residual encapsulant.

Limitations

Do not store over 100°F (38°C).

Do not apply to surfaces below 32°F (0°C), or above 250°F (121°C).

Protect from freezing.

For industrial use only.

FOSTER ASBESTOS REMOVAL ENCAPSULANT 32-60 / 32-61

Material preparation
Stir well but do not use sticks, boards, or anything else which would splinter or otherwise contaminate the product. If 32-60 is to be diluted for the removal of asbestos containing materials, insure that the dilution vehicle and the mixing container are free of any contaminants that could in any way impair the performance of the resultant mixture or the spray equipment.

Site preparation
As a minimum, follow all procedures outlined by Federal, State, and Local Authorities regulating asbestos abatement projects and the wastes generated therein.

Application

For removal of ACM: Using appropriate spray apparatus, apply 32-60 directly to the ACM in sufficient quantity to thoroughly wet-out the matrix to the substrate. The quantity of material required to achieve total saturation is a variable dependent on the thickness and absorptivity of a given matrix. During the wetting out process, randomly core the treated matrix to insure that penetration to substrate has been achieved. Proper application will allow the abatement contractor 12 hours to remove the treated insulation. If allowed to dry prior to removal, the insoluble nature of the cured removal encapsulant will retard attempts to re-wet the treated insulation.

Important note: In some instances, dependent upon the composition and nature of the ACM being removed, the penetrating capabilities of 32-60 can be enhanced by dilution with water. Should a decision be made to dilute 32-60, we require the contractor to evaluate several different ratios of water to 32-60, arriving at the highest concentrated level of 32-60 that, in the contractor's judgement, provides optimum removal efficiency. In no case should the dilution ration exceed 4 parts water to 1 part 32-60. The diluted 32-60 may be used in the wetting-out portion of the removal project only. Though this may facilitate easier removal, a strong word of caution must be advised. The greater the dilution of 32-60, the more post-removal encapsulation properties of the removed ACM will be diminished.

For Post Removal Encapsulation (Lockdown): Upon completion of the removal procedure, mist spray the exposed substrate with Foster Asbestos Removal Encapsulant 32-60 to residually encapsulate fibres irremovable in the abatement process. When used as a post-removal residual encapsulant (or "lockdown"), 32-60 must be applied at full strength. No dilution of 32-60 is allowed when used in this manner. Must allow 24 hours minimum dry time before recoating.

Floors
32-60/61 is not suggested as a floor traffic coating. It may be used on floors provided that a new floor surfacing material is installed over it. Flooring installers must determine by their own tests that any mastic, adhesives or cement they plan on using is compatible with, and bonds firmly to, the dried 32-60/61.

Spray equipment
Foster Asbestos Removal Encapsulant can be applied with virtually any type of airless equipment on the market today that is capable of spraying water base paint. Electric airless sprayers are most commonly used. Pressure settings should be set as low as possible while still achieving atomisation. Average viscosity range: 10-50 cps.

Clean-up
Use fresh water to clean equipment before the product dries. Dry product may be removed with hot soapy water or strong solvents such as white spirit or Xylol (flammable).

For industrial use only.
This data sheet is based on specifications, data and test results available to us at the time of publication.
In the course of time changes herein may (have) take(n) place. The above tests were carried out in accordance with the above mentioned internal test standards and are indicative. No guarantee as to completeness, accuracy or results is either expressed or implied. The suitability to an intended use is the responsibility of the user. As material-choice, method of application and site conditions are beyond our control, we accept no liability for direct or consequential damages; our only obligation being to resupply ex our stores any material that is proved to be defective within the published* shelf life.

* If not applicable, within 6 months from date of supply. 0613