**Section 855.500 Encapsulation Procedures for Schools**

The contractor shall encapsulate the ACBM in accordance with the following procedures:

a) The work area shall be cleaned and isolated in accordance with Sections 855.400, 855.410, 855.420, 855.425, 855.430, 855.440 and 855.450.

b) Damaged and missing areas of existing materials shall be repaired with nonasbestos-containing substitutes. The material shall adhere to existing surfaces and provide a base for application of encapsulating agents.

c) Loose or hanging ACBM shall be removed in accordance with the requirements of Section 855.460.

d) The contractor shall field test encapsulants prior to use by applying each to a small area to determine suitability for the material to be encapsulated.

e) Bridging Encapsulants

1) Bridging encapsulants shall be applied to provide the manufacturer's specified number of inches or minimum dry film thickness over sprayed asbestos surfaces.

2) When using a bridging encapsulant, a different color for each coat shall be used.

f) Penetrating Encapsulants

1) Penetrating encapsulants shall be applied to penetrate existing asbestos materials to the substrate.

2) During treatment with a penetrating encapsulant, the contractor shall remove selected random core samples of the ACBM in the presence of the building owner or the project manager to check the depth of penetration.

g) Encapsulants shall be applied using airless spray equipment.

h) Cleanup shall be performed in accordance with Section 855.465.

i) Encapsulated ACBM shall be designated (e.g., labels, signs or color codes) in order to warn building maintenance personnel in the event that encapsulated materials must be disturbed.