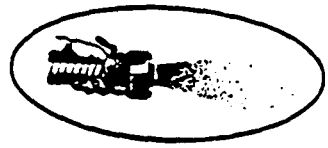
ASBESTOSPRAY CORPORATION

High Temperature Insulation



GENERAL SPECIFICATION FOR EXPOSED EQUIPMENT SUCH AS HEAT EXCHANGERS, STORAGE TANKS, VESSELS AND VESSEL FLASHING AT THE EAVE WHERE THE TOP IS NOT INSULATED.

FLASHING AT THE EAVE:
A steel angle shall be welded continuously around the eave of the tank by others. It shall exceed the thickness of the insulation by at least ½ inch.

APPLICATION:
Surface preparation - The surface to be insulated with Asbestospray High Temperature Fiber must be cleaned and free from all dust. grease (caked or fluid), paint and rust scales which could result in a false bond. This could lead to delamination and complete separation unless the insulation is reinforced by mechanical support..

SUPPORTS:
Where the insulation thickness exceeds 2 inches and where the diameter of the vessel is more than 4 feet, mechanical support in the form of welded pins or studs is recommended. These pins or studs can be used for hexagonal mesh, lacing or speed washers depending upon the individual conditions, finish and specifications of the owner, and can be from 12" O.C. on the bottom to 24" O.C. on the top of the unit insulated.

FINISH:
After Asbestospray High Temperature fiber has been applied and pressed to the proper density and thickness, regular 1 inch 20 gauge hexagonal wire mesh (galvanized or monel as specified) shall be wrapped around and laced according to standard practice. After the wire mesh has been applied and laced, two coats of approved mastic shall be applied. The first coat applied as a "mud" is troweled into and flushed with the wire mesh so that a uniform surface is achieved. The second coat shall be applied immediately after the initial set and while the first coat is still damp. The second coat shall be applied so that the minimum dry thickness shall be 1/8" on top of the wire mesh.

Where possible fire hazard conditions exist, mastics carrying an Underwriter's label are recommended.

Where acceptable or desired, the 20 gauge hexagonal mesh can be replaced with four (4) inch squares of hardware cloth. The 4" x 4" squares of half inch hardware cloth are to be impaled onto the pin into the sprayed fibre insulation after it has been applied and before final pressing, so that the hardware cloth, which will be secured by a speed clip, is covered by at least one-quarter (¼") inch of fibre which is to be applied after the hardware cloth is in place and secured. Where the lagging or weatherproofing is not in contact with the insulation, the hardware cloth and speed clip can be applied after pressing, if it will not affect the appearance or durability of the coating.

CEMENT TYPE FINISH (Heavy Duty)
If a cement type finish is required, Asbesto-cote finishing cement shall be applied (sprayed or troweled) over the hexagonal mesh to a minimum thickness of ¼ inch over the Asbestospray fiber insulation. Where contraction and expansion are such that it is liable to induce cracking, the cement finish is to be scored with a cement finishers tool in squares approximately 4' x 4'. It is important to note that scoring must be through the cement finish to the surface of the Asbestospray fiber. Additional protection can be secured by applying fiberglas reinforced mastics or resins.

ALUMINUM JACKET FINISH
Where aluminum jackets are specified for weather-proofing, it is recommended that aluminum with factory applied moisture barriers be used.

PLAINTIFF'S EXHIBIT tabbies WV-012670

PLAINTIFF'S EXHIBIT tabbies 70190.00

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