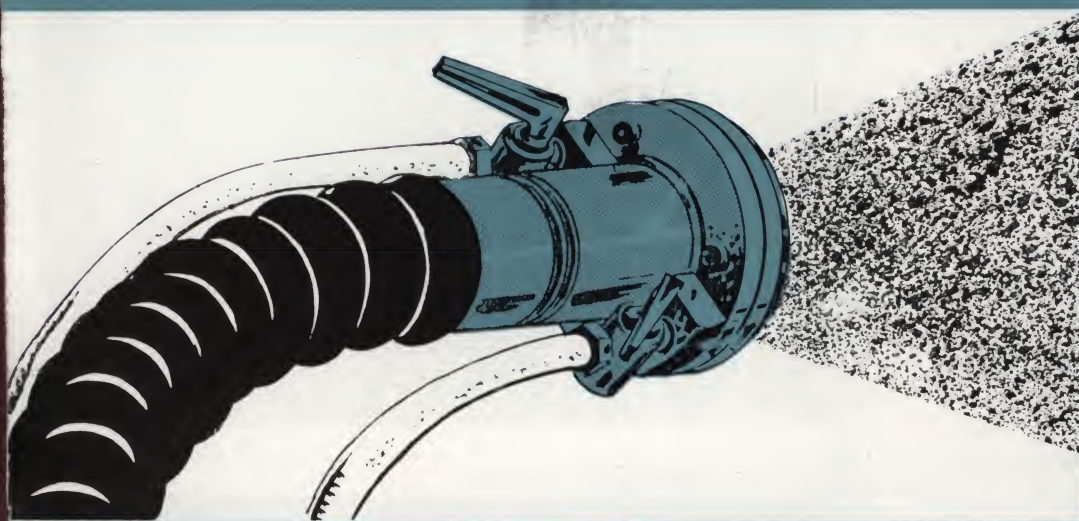


Available from warehouse stocks
in principal western cities

Names of distributor-contractors
available on request

ASBESTOSPRAY

*sprayed-on fibre
acoustical and
thermal insulation
fireproofing*



Effective
DUST
CONTROL
(see page 3)

ASBESTOSPRAY CORPORATION

1060 BROAD STREET, NEWARK 2, NEW JERSEY

THERMAL


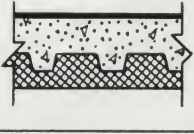
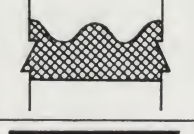
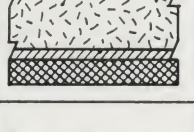

Thermal Insulation — Asbestospray has a K-factor of 0.26. Its contribution to the U-factor in various types of structure is shown on the accompanying table. Asbestospray increases the efficiency and reduces the cost of temperature control.

In boiler rooms, a ceiling installation of Asbestospray serves a two-fold purpose. It prevents the transmission of heat from the boilers to the floor above. This is especially valuable in maintaining proper balance in a controlled heating system. A second advantage lies in the reduction of the noise level in the boiler room, resulting in less noise energy for transmission to the space above.

Insulation of Vessels and Apparatus — Asbestospray effectively protects metal surfaces from rust and corrosion. It is particularly desirable for insulation of large-sized pipes, boilers, tanks and other apparatus. Its insulation characteristics are equally effective for high or low temperature work.

Condensation Control — In the insulation of a metal or asbestos cement board building, Asbestospray is applied directly to the surface. Consequently, there is no air mass between the blanket and the surface. Where there is no air mass there can be no condensation. In situations involving high humidity, Asbestospray can be sprayed integrally with a rubber base adhesive to provide a continuous distribution of binder throughout the blanket. The binder tends to isolate the tiny air pockets, materially retarding the penetration of vapor through the blanket.

table of U-factors

Construction	Detail	Un-insulated	Asbestospray Insulated		
			1/2 in.	1 in.	1 1/2 in.
built-up roofing on 4" concrete roof slab		.72	.30	.19	.14
built-up roofing on precast cement tile		.82	.32	.20	.14
corrugated metal		1.28	.37	.22	.15
2" gypsum roof deck on gypsum formboard		.44	.24	.16	.12
corrugated cement asbestos-board		1.09	.35	.21	.15

ACOUSTICAL

Asbestospray, unlike ordinary acoustical materials, absorbs sound over the entire frequency range. This greater acoustical efficiency of Asbestospray is made possible by the minute air pockets and diaphragmatic action which give it high sound absorption characteristics. Asbestospray literally "gives" under the impact of sound waves.

Check the efficiency of Asbestospray by referring to the accompanying sound absorption chart. Note the sound absorption rate of Asbestospray at 128 and 256.

Asbestospray is the perfect acoustical treatment for all types of areas — offices, meeting rooms, corridors, restaurants, machine rooms and other industrial purpose areas, department stores, institutions — in fact, wherever quiet is desirable.

THICKNESS	MOUNTING	COEFFICIENTS						NOISE REDUCTION COEFFICIENT
		128	256	512	1024	2048	4096	
1/2"	Solid	.29	.24	.65	.79	.88	.65	.65
3/4"	Solid	.34	.29	.85	.92	.90	.92	.75
1"	Solid	.44	.53	.86	.92	.95	.98	.85
1"	Solid Painted*	.45	.56	.88	.89	.92	.94	.85
1/2"	Wire Lath†	.27	.72	.81	.83	.86	.84	.80

*two coats †backed by a 7" air space

Acoustical Ceiling, First Methodist Church, Lakeland, Florida



Acoustical Ceiling in Residence



table of thickness for various fire retardant ratings

FIREPROOFING

Underwriters' Laboratories has conducted several tests on Asbestospray and has awarded ratings up to four (4) hours. Asbestospray has been successful in competition with light-weight aggregates.

Asbestospray can be applied to steel columns, beams or floor without furring channels or lath. This results in a considerable saving in head room. The entire plenum is made available for mechanical surfaces. Where the architectural ceiling requires an acoustical back-up, Asbestospray provides it.

One Pass Application

Asbestospray can be built to any required thickness up to two inches (2") in one pass of the spray gun. This saves the time lost in waiting for multiple coats to cure. There is no doubling back. Small rolling scaffolds used. **No drop-out problems.** Machine applied aggregates often encounter major difficulty during and after application. Drop-outs occur during application due to excessive weight. While curing, so much shrinking occurs that still more drop-outs occur. Frequently cracks occur so wide and so deep that fire resistance is nullified.

Asbestospray is essentially a fibre, not an aggregate. The material is bonded together by the knitting of the fibres into one homogeneous mass. This prevents drop-outs. Although dry binders and water are used, the limited quantities do not bring about shrinkage cracks. Asbestospray is lightweight **while** you apply it, lightweight **after** you apply it.

DUST CONTROL

Asbestospray research has found the perfect answer to the serious problem of dust control in sprayed-on applications. A neutral additive to the mix at the factory eliminates the human element at the job site and assures positive, effective, fool-proof dust control, as well as uniform quality in application. **No pre-wetting system to break down; no dangerous steam boiler.** Our dust control is added at the factory.

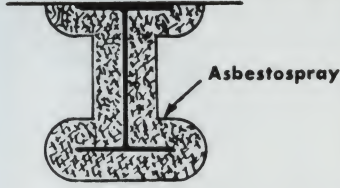
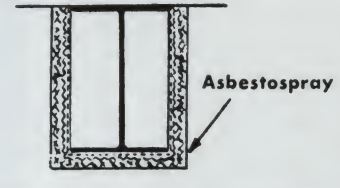
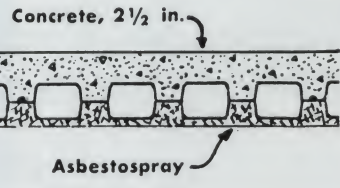
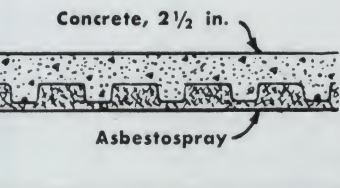
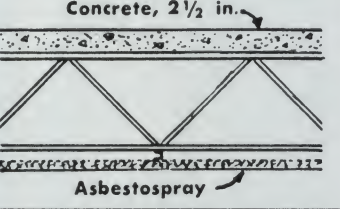
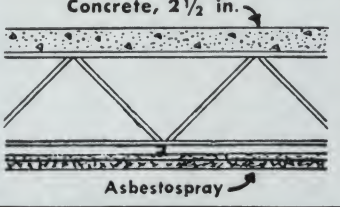
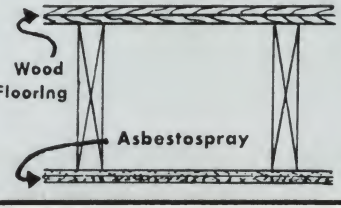
CONSTRUCTION	DESCRIPTION	RATING	THICKNESS
	"ASBESTOSPRAY" applied directly to beam.	1 hr.	5/8 in.
		2 hr.	1 in.
		3 hr.	1 3/8 in.
		4 hr.	1 5/8 in.
	"ASBESTOSPRAY" applied to metal lath around beam.	1 hr.	1/2 in.
		2 hr.	5/8 in.
		3 hr.	1 in.
		4 hr.	1 1/4 in.
	"ASBESTOSPRAY" applied directly to cellular steel floor.	2 hr.	1/4 in.
		3 hr.	3/8 in.
		4 hr.	5/8 in.
	"ASBESTOSPRAY" applied directly to steel form floor (may be configuration shown or corrugated).	2 hr.	1/4 in.
		3 hr.	3/8 in.
		4 hr.	5/8 in.
	Bar joist construction using metal lath and "ASBESTOSPRAY" below.	2 hr.	3/8 in.
		3 hr.	5/8 in.
		4 hr.	1 in.
	Bar joist construction using 3/8 in. gypsum board lath and "ASBESTOSPRAY" below.	2 hr.	3/8 in.
		3 hr.	1/2 in.
		4 hr.	5/8 in.
	Wood joist construction using 3/8 in. gypsum board lath and "ASBESTOSPRAY" below.	1 hr.	3/8 in.
		1 1/2 hr.	5/8 in.
		2 hr.	3/4 in.

Table based on results of Underwriters' Laboratories tests file R 3372 and developments from UL test data by Thulin, Woods & Isensee (report AR-195.) Complete data on request.

ASBESTOSPRAY specifications

scope of work This contractor shall furnish all labor, material and equipment required for the installation of Asbestospray, as manufactured by ASBESTOSPRAY CORPORATION, NEWARK 2, NEW JERSEY, in accordance with the schedule of room finishes.

conditions of surface Surface to be sprayed shall be rigid, clean and free from dirt, grease, scale, loose paint, loose plaster or any other condition that would prevent good adhesion.

When application is made to furred ceilings, furring channels shall be 12 to 16 inches on centers. Lath shall be flat rib or high rib. The lath shall be stretched and well tied to furnish a firm surface to receive the Asbestospray.

primer A coating of Asbestospray Adhesive shall first be sprayed on to all surfaces to be treated. Application shall be made to only as much surface as can be sprayed with fibre while the primer is still "tacky".

fibre The fibre shall be especially prepared for spraying by the manufacturer with the proper amount of dry mineral binder integrally mixed into the material. Binder, after setting, shall be unaffected by water, moisture or condensation. The mixture shall be entirely inorganic and shall be rated

as incombustible under the provisions of Federal Specification-SS-A-111. **Fibre shall be FACTORY TREATED to render the application DUSTLESS.**

application Fibre application shall be inches thick. Written data will be furnished to establish that this thickness shall provide:

For Fireproofing: hours of fire resistance.

For Acoustics: A noise reduction co-efficient of

For Insulation: A K-factor of not less than 0.26.

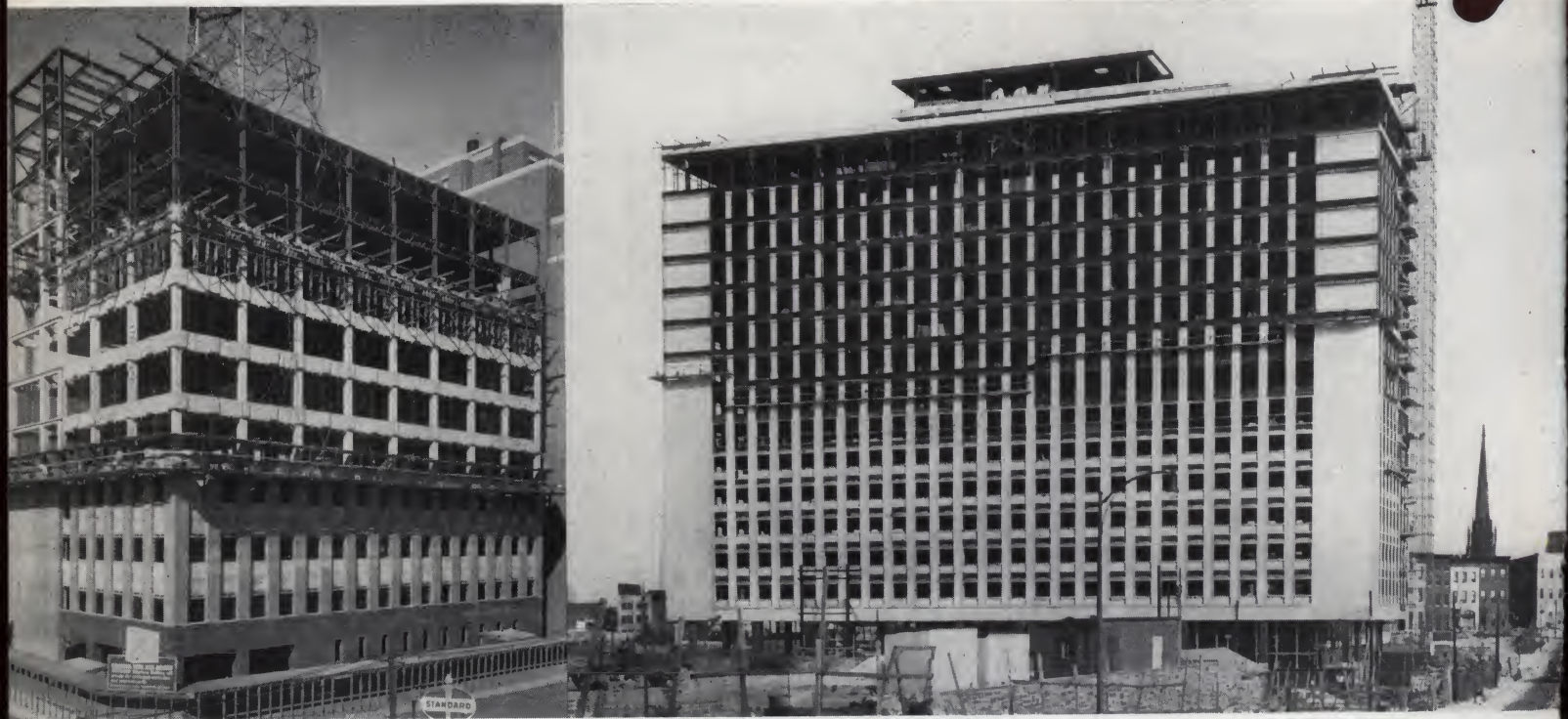
(Select the Appropriate One)

finish Finishing shall be done in a manner to fit the requirements of the job application. Fireproofing jobs in most instances require no special finishing. Acoustical jobs should be finished with floats to accomplish a travertine-like texture. In instances where flaking or dusting must be prevented, an over-spray of adhesive or paint should be applied. We shall be glad to furnish recommendations for the proper finishing specifications in any given job circumstance.

special applications: For side wall, low ceiling and other special applications, where a harder surface is desirable, high density materials are available. Asbestospray can be tailored to meet varying job conditions. Recommended specifications can be had on request.

Fireproofing, Bell Telephone Company, Des Moines

Fireproofing, State Office Building, Baltimore



ASBESTOSPRAY CORPORATION

1060 BROAD STREET, NEWARK 2, NEW JERSEY • TEL.: Mitchell 2-4330

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When application channels shall be flat rib or high to furnish a firm

primer A coat shall be sprayed on to be made to conform with the fibre while the

fibre The fibre shall be by the manufacturer's binder integral with the setting. The mixture shall be used

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For Acoustics: A noise reduction co-efficient of

the requirements in most jobs should be pre-applied for the proper performance.

ceiling and spray can be commended

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