"Z"crete

Division Zonolite Company

135 S. LaSalle St.
Chicago 3, Ill.

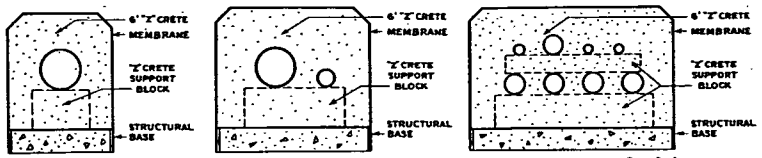
UNDERGROUND PIPE INSULATION

Z-CRETE* is a Lightweight Insulating Concrete which is poured directly and monolithically around heated underground piping.

GENERAL DATA The improved Z-CRETE system of underground insulation is a field fabrication adaptable to any size, number or arrangement of pipes. Six inches of insulation is ordinarily used on the outside of all pipes. A minimum of four inches is economical spacing between piping.

Z-CRETE insulation serves as a monolithic, jointless insulating filler around pipes. A curing and waterproofing membrane completes the installation.

Z-CRETE installations have no joints to leak heat or collect water—they are as permanent as the earth itself. Anchors, guides and expansion devices (except loops) are the same as used in conventional systems. The curing membrane provides external water protection and imparts a tensile strength to the conduit.



Single Pipe Conduit *Two Pipe Conduit* *Multiple Pipe Conduit*

TYPICAL Z-CRETE CONDUITS

Commonly used installations of Z-CRETE are shown above. The single pipe and double pipe conduit consist of a structural concrete pad, pre-cast Z-CRETE support blocks on which the pipes rest, a pour of Z-CRETE insulating concrete and a curing and waterproofing membrane. The multiple pipe conduit at the right has a second pre-cast support for the upper group of pipes.

REINSULATION OF EXISTING CONDUITS

The ruinous effect of water on steel pipe and insulation is well known. Z-CRETE insulation restricts moisture, keeps the conduit dry. Inorganic Z-CRETE concrete naturally resists deterioration.

Most open boxes or voids may be filled with Z-CRETE insulation without using rollers, rods, etc. The mass of water resistant Z-CRETE restricts the movement of moisture, so special drainage provisions are not ordinarily required. Z-CRETE is sold and installed by licensed applicators of Zonolite Company under U. S. Patent No. 2355966—Canadian Patent No. 439356. There is an applicator near you.

For further data or information, write Dept. HVG-2.

*Z-Crete is a registered trade mark of Zonolite Company.

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GREATER COMFORT AND BETTER WORKING EFFICIENCY WITH ECONOMICALLY WATER COOLED ROOFS

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Recent installations include:—Westinghouse Electric Corp., Baltimore, Md., 33,480 sq ft, Eastman Kodak Company, Rochester, N. Y., 156,000 sq ft, The Jacobs Mfg. Co., West Hartford, Conn., 85,760 sq ft, Weldon, Williams Lick, Ft. Smith, Ark., 38,000 sq ft, Lily Tulip Cup Corp., Springfield, Mo., 270,000 sq ft, Dixie Cup Company, Easton, Pa., 25,800 sq ft, City of L. A., Pierce Agricultural College, Cal., 20,000 sq ft, Val-O-Will Farms, Lake Geneva, Wis., 55,000 sq ft.

In addition, the Federal Government has over one million square feet of April Showers installations. Among them is the 500,000 sq ft roof the U. S. Naval Ordnance building in Indianapolis, Ind.

APRIL SHOWERS also works efficiently in conjunction with any True air condition system by reducing (in cases where requirements necessitate the use of an exorbitant tonnage) the size of the True system necessary to give the required temperatures for Comfort and Efficient Working Conditions. At the same time, it helps by reducing operating and maintenance costs. Moreover, it adds years of life to the roof itself by preventing the sun from more speedily evaporating the protective roof-coating oils.

Consider APRIL SHOWERS for your next project or remodeling job. We will be pleased to work with you on any problems that may arise. NOTICE:—Our newly developed Spray Head, for use on Dwellings with flat or peaked roofs, are now in distribution.

APRIL SHOWERS controlled roof cooling is protected by U.S. Patents.

Write for Descriptive Literature *No obligation for Estimates*

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