

Armstrong Cork & Insulation Company Pittsburgh, Pa.

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PORTLAND.....	Gillen-Cole Company		

Detailed information, samples, and descriptive literature may be obtained on application to any of these offices or representatives.

Armstrong's Cork Machinery Isolation is a special grade of corkboard for absorbing noise and vibration under moving machines such as fans, motors, etc.

The natural resilience of cork and the fact that it does not "set" under pressure, nor harden with age make it especially suitable for this use.

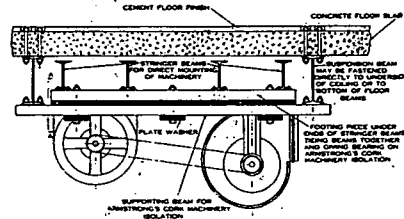
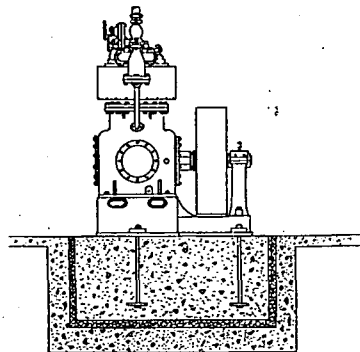
Another advantage of Armstrong's Cork Machinery Isolation is that, being a manufactured product, its density can be varied to suit different conditions. Armstrong's is made in six grades, or densities, from 1.1 to 1.66 lb. per board foot. By adapting the grade to weight and type of machine, much better results are obtained than by using a single grade for all installations.

Armstrong's Cork Machinery Isolation is made in boards 12 by 36 by 1, 1½, 2, 3, 4, 5 and 6 in. thick. The standard boards may be sawed or cut into the desired shape or size as readily as lumber, and where large pads are required, they can be made in sections and cemented together.

The density and thickness to be used cannot be determined accurately until such factors as the weight, speed and character of the machine to be isolated are known. Generally speaking, the grades which should be used under different classes of machines are as follows:

Small fans, motors, generators, etc.....	1.10 to 1.20
Large fans, medium size motors and generators, light machines and machine tools, etc.....	1.25 to 1.33
Heavy motors and generators, large machines and machine tools, engines, etc.....	1.50 to 1.66

Two methods of installing Armstrong's Cork Machinery Isolation are usually followed. In the first, the foundation pits are lined with Armstrong's Cork Machinery Isolation on the bottom and sides. The foundation proper is then poured in on top of the cork. In the second, the cork is placed between the base of the machine and the foundation, floor or ceiling, to which it is fastened. See figures below.



Langenberg Manufacturing Co.

4549 No. Euclid Ave. :: St. Louis, Mo.

FRONTRANK

TRADE NAME REGISTERED

Dealers in all parts of the United States

A Quality Combination

A **FRONTRANK** FURNACE;
Twin Sirocco Fan with S K F Bearings;
New Design Casing. All assembled
into the

FRONTRANK
UNIT HEATER

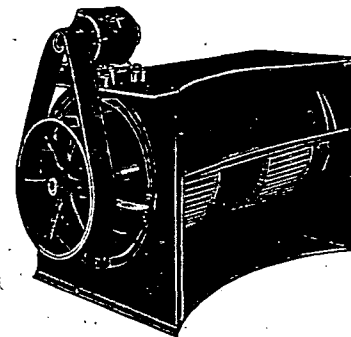
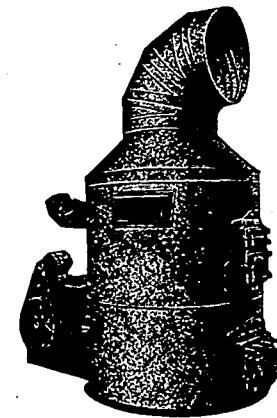
Fuels—

Any coal, coke or oil.

Operates by fan or gravity. No by-pass dampers necessary.

Churches, schools, stores, auditoriums, small factories, residences and garages where these plants have been installed and now operate successfully are our best references.

We design and install our own systems anywhere in the United States or Canada.



Fan Data

Diameter of Wheel.....	24"
Diameter Inlet.....	29"
Height.....	37"
Length.....	38"
Width.....	48"
Size of Outlet.....	23½ x 45
Cu. ft. per min.—¼ in. static	7000
R.p.m.....	275
Hp. of Motor.....	1