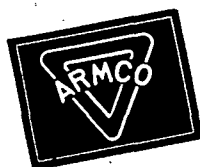


The American Rolling Mill Company

Executive Offices, Middletown, Ohio

ATLANTA, GA. 1437 Citizens & Southern Natl. Bank Bldg.
BERKELEY, CALIF. Seventh and Parker Sts.
BOSTON, MASS. 201 Devonshire St.
BUFFALO, N. Y. 504 Seventeen Court St. Bldg.
CINCINNATI, OHIO 24 Cooper Bldg., Hyde Park
CHATTANOOGA, TENN. 712 Chattanooga Bank Bldg.
CHICAGO, ILL. 310 S. Michigan Bldg.
CLEVELAND, OHIO 1516 B. F. Keith Bldg.
COLUMBUS, OHIO 1020 Atlas Bldg.
DALLAS, TEXAS 1111 Santa Fe Bldg.
DAYTON, OHIO 506 Mutual Home Bldg.
DES MOINES, IOWA 703 Old Colony Bldg.
DETROIT, MICH. 5-261 General Motors Bldg.

INDIANAPOLIS, IND. 1106 Fletcher Trust Bldg.
KANSAS CITY, MO. 7100 Roberts St.
LOS ANGELES, CALIF. 331 Petroleum Bldg.
MIDDLETOWN, OHIO 703 Curtis St.
MILWAUKEE, WIS. 627 First Wisconsin National Bank Bldg.
MINNEAPOLIS, MINN. 171-27th Ave., S. E.
NEW ORLEANS, LA. 3501 S. Carrollton Ave.
NEW YORK, N. Y. 120 Broadway
PHILADELPHIA, PA. 1808 Lincoln-Liberty Bldg.
PITTSBURGH, PA. 1627 Oliver Bldg.
RICHMOND, VA. 1308 State-Planters Bank Bldg.
ST. LOUIS, MO. 1725 Ambassador Bldg.



Choose the Correct ARMCO Grade

These grades of ARMCO sheet metal are recommended for the air conditioning applications shown. For detailed information get in touch with the nearest district office or write direct to The American Rolling Mill Company, Middletown, Ohio.

ARMCO Ingot Iron (Galvanized)

Ducts
Washer Chambers
Plenum Chambers
Steam Line Casings
Furnace Casings
Spray Towers
Drip Pans
Housings
Machine Guards
Unit Conditioners
Roof Ventilators
Eliminator Blades

ARMCO PAINTGRIP (Galvanized)

Recommended for all galvanized sheet applications where the immediate beauty and extra protection of paint is desired. Write us for a free scratch sample.

Hot Rolled (Sheets and Strip)

Fan Blades
Blower Casings
Fuel Oil Tanks
Unit Conditioners
Stoker Hoppers

ARMCO ZINCGRIP

A special galvanized sheet that can be severely formed without peeling or flaking of the tightly adherent zinc coating.

Other ARMCO Products

The grades for these applications are only a few that ARMCO makes. Others include copper-bearing sheets and plates and open-hearth steel, either galvanized or uncoated.

Cold Rolled (Sheets and Strip) Furnace Casings Room Unit Casings

Plates (ARMCO Ingot Iron) Smoke Stacks Coal Hoppers Breeching Unfired Pressure Vessels Low-fired Boilers Tanks

ARMCO High Tensile

A low alloy, high tensile steel possessing great strength. Used with proper design it results in weight reduction of frame-work, tanks and similar items. Under atmospheric service conditions it has four to six times the endurance of regular steel.

Stainless Steel (Sheets, Strip and Plate)

Combustion Chambers
Heat Flues and Tubes
Humidifier Pans
Pre-heaters
Furnace Parts and Supports
Fan and Blower Blades

Special grades have excellent resistance to destructive heat-scaling up to 2000 F.

Bethlehem Steel Company

General Offices: Bethlehem, Pa.

BETHLEHEM STEEL COMPANY, GENERAL OFFICES: BETHLEHEM, PA. DISTRICT OFFICES: AKRON, ALBANY, ATLANTA, BALTIMORE, BOSTON, BUFFALO, CHATTANOOGA, CHICAGO, CINCINNATI, CLEVELAND, COLUMBUS, DALLAS, DETROIT, HONOLULU, HOUSTON, INDIANAPOLIS, JOHNSTOWN, PA., KANSAS CITY, MO., LOS ANGELES, MILWAUKEE, NEW HAVEN, NEW ORLEANS, NEW YORK, PHILADELPHIA, PITTSBURGH, PORTLAND, ORE., ST. LOUIS, ST. PAUL, SALT LAKE CITY, SAN ANTONIO, SAN FRANCISCO, SAVANNAH, SEATTLE, SPRINGFIELD, MASS., SYRACUSE, TOLEDO, TULSA, WASHINGTON, WILKES-BARRE, YORK. EXPORT DISTRIBUTORS: BETHLEHEM STEEL EXPORT CORPORATION, NEW YORK.

COPPER-BEARING BETH-CU-LOY FOR RUST RESISTANCE

The charts at the right show conclusively the superior rust resistance of copper-bearing steel. Sheets of the same composition as Beth-Cu-Loy, Bethlehem's copper-bearing steel, outlasted ordinary iron and steel by a wide margin when exposed to atmospheric corrosion.

Beth-Cu-Loy, available in the form of sheets, pipe and plates, offers 2 to 3 times longer life as indicated by these three corrosion tests—and Beth-Cu-Loy costs only 3 to 5 per cent more than ordinary steel, much less than open-hearth or copper-bearing iron.

Heating, ventilating and air conditioning engineers, architects and contractors are finding it pays to specify Beth-Cu-Loy wherever moisture or corrosion is a factor. Beth-Cu-Loy sheets are easily workable, durable and low in cost.

BETHLEHEM MAKES:

Sheet Steel—all grades, hot-rolled (black), cold-rolled, and galvanized—available in Beth-Cu-Loy.

Steel Pipe—In sizes up to 3 inches, now made by the Continuous-Weld Process and sold under the trade name Beth-Co-Weld.

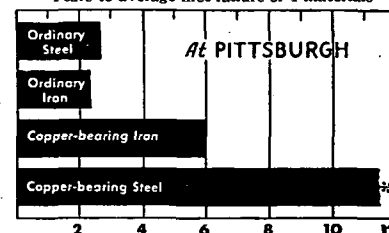
Ammonoduct—A new kind of pipe that has an outstanding advantage in its unusual ductility. It can be bent cold, without need for annealing, without danger of fracturing. Recommended for ammonia piping and for heater coils, water legs in furnaces and similar uses where pipe must be bent.

Boiler Tubes—Charcoal iron and steel.

Plates—all sizes; flanged and dished heads. Available in Beth-Cu-Loy.

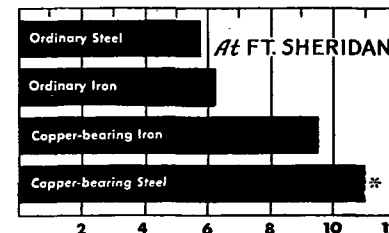
Literature and further information on any of these products can be secured from the nearest district office or from the general offices in Bethlehem, Pa.

A.S.T.M. Test of 22-gage black sheets
Years to average first failure of 4 materials



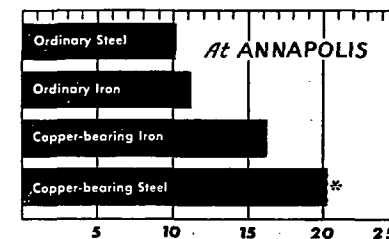
Sheets exposed April 21, 1926; tests still under way (see Proceedings of A.S.T.M.—Committee A-5, Vol. 38).

*No failures in copper-bearing steel sheets at last report.



Sheets exposed April 19, 1917; test discontinued April 16, 1928 (see Proceedings of A.S.T.M.—Committee A-5, Vol. 28).

*Only 10 of 61 copper-bearing steel sheets had failed when test was discontinued.



Sheets exposed October 17, 1918; tests still under way (see Proceedings of A.S.T.M.—Committee A-5, Vol. 38).

*Only 9 of 78 copper-bearing steel sheets had failed at last report.

A booklet "Beth-Cu-Loy Sheets," gives the story of these tests. A copy is yours for the asking.