

Chamberlin Metal Weather Strip Company

Incorporated

General Offices: Detroit, Mich.

FACTORIES

Detroit, Mich. Peru, Illinois

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In order to measure weather strip efficiency it is much more important for the Heating Engineer, the Architect, the Contractor and the Consumer to know what the result of a weatherstrip installation will be at the end of THIRTY or more years than to know the result obtainable immediately after installation.

What Chamberlin Weather Strip will do can be determined by a review of what Chamberlin has done for thirty-three years. Installations made in 1893 are still giving service and satisfaction and the same fundamental principles are incorporated in Chamberlin installations made at the present time.

The Test of Time

From time to time field tests are made of Chamberlin installations. The results obtained by engineers on some representative installations

are given in the following tables. Tests were made by putting an air collecting chamber on the inside of the window opening and taking anemometer readings over a period of thirty minutes.



Constantly Improved

Chamberlin has been the Standard weather strip since 1893. Thirty-three years have proven the basic principles of Chamberlin, but improvements in design and installation methods have been added whenever the Company's constant research developed a better way.

Life of Building Service Policy

There are only two parties to a Chamberlin installation contract. the customer and the Chamberlin Company. Chamberlin manufactures, sells, installs and services every installation by means of a complete organization of trained men. Results, not material alone, are insured by the Company's

service guarantee which remains in effect for the "life of the building." That is why the purchase or recommendation of Chamberlin becomes a specification of guaranteed service and not of material. Chamberlin Metal Weather Strip is the only building product sold and guaranteed in this way.

No Heating Plant Can Do It All

The best heating plant in the world can't heat the whole outdoors and

that is just what is expected of every heating plant when installed in a building where windows and doors are not weatherstripped. Heating engineers should recognize the value of preventing heat loss rather than attempt to design a heating plant to take care of any loss no matter how great. Therefore, Chamberlin cooperation and the completeness of Chamberlin service merits prime consideration in the computations of the careful engineer, architect and builder.

CHAMBERLIN TESTS OF TIME

Name of Building	Location and Date of Chamberlin Installation	Date of Test	Size of Window (Lin. Ft. of Crack)	Wind Velocity, M. P. H. U. S. Weather Bureau	Leakage Without W. S. Based on A. S. H. & V. E. Test	Leakage on Date of Test Including Frame and Pulley Leak	Percentage of Possible Leakage Kept Out
E. A. De Wolfe Res.	St. Louis,	1893 3/7/25	18.80	25	78.88	.53	99.3
Equity Bldg.	Detroit,	1894 12/17/24	23.85	24	96.04	5.05	93.70
Majestic Bldg.	Detroit,	1896 12/11/24	34.00	8	46.25	1.79	95.91
Majestic Bldg.	Detroit,	1896 12/12/24	34.00	12	68.38	4.22	93.86
Union Trust Co. Bldg.	Cincinnati,	1901 3/20/25	26.00	15	72.30	7.00	90.32
Adolphus Busch Res.	St. Louis,	1903 3/7/25	18.25	21	66.79	2.51	96.20
Horace Mann School	New York,	1903 4/11/25	20.67	7.5	28.23	1.87	93.38
City Hall	Detroit,	1904 12/3/24	30.67	9	44.36	7.31	83.52
Michael Reese Hosp.	Chicago,	1906 2/15/25	32.00	12	66.10	10.65	83.90
Congress Hotel	Chicago,	1906 2/11/25	25.33	15	63.70	4.00	93.70
Detroit Club	Detroit,	1906 12/2/24	26.50	8	35.28	4.19	88.41
Fleming Bldg.	Des Moines,	1906 2/17/25	25.33	6	23.30	2.50	89.30
D'Youville College	Buffalo,	1907 4/3/25	27.00	18	83.15	4.98	94.00
Owen Bldg.	Detroit,	1907 12/6/24	28.00	18	87.00	4.42	94.92
Ford Bldg.	Detroit,	1908 11/27/24	26.50	12	53.30	5.01	90.60
Boston College	Newton, Mass.,	1910 4/10/25	20.67	12.5	47.60	3.34	92.40
Campau Bldg.	Detroit,	1910 12/3/24	25.50	10	47.23	5.00	89.44
Hosp. Rockefeller Inst.	New York,	1910 4/9/25	19.50	14	46.29	3.66	92.10
Cleveland Ath. Club	Cleveland,	1911 4/2/25	31.50	20	109.70	6.30	94.16
Copley Plaza Hotel	Boston,	1912 4/10/25	20.33	12	44.40	1.18	93.34
Hubbell Bldg.	Des Moines,	1912 2/16/25	26.00	7.5	29.25	4.26	85.00
Pharmacy Bldg.	U. of Minn.,	1912 2/23/25	25.33	8	38.10	3.00	92.13
Dime Sav. Bk. Bldg.	Detroit,	1913 11/28/24	26.50	22	90.15	9.93	87.60
Board of Commerce	Detroit,	1913 12/10/24	21.00	12	42.13	1.98	95.28
Kresge Bldg.	Detroit,	1914 12/9/24	27.85	28	132.76	17.53	86.80
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David Whitney Bldg.	Detroit,	1915 11/25/24	28.50	19	92.65	5.00	94.60
Det. Athletic Club	Detroit,	1915 12/13/24	20.67	14.5	49.82	5.35	89.26
Peter Smith Bldg.	Detroit,	1916 12/11/24	19.85	16	53.17	3.76	92.93
Fort Shelby Hotel	Detroit,	1918 12/5/24	23.33	13	50.73	6.96	86.28
Field Museum	Chicago,	1919 2/26/25	24.17	16.5	66.20	5.65	91.48
Planters Bldg.	St. Louis,	1919 3/7/25	26.70	18	83.75	6.41	92.30
Park Ave. Bldg.	Detroit,	1922 12/10/24	26.85	21	96.46	3.23	96.80
Int'l. Shoe Co. Bldg.	St. Louis,	1923 3/6/25	29.00	15	74.26	2.55	96.60