

PLAINTIFF'S
EXHIBIT
USX-253

United States Steel Corporation
525 William Penn Place
Pittsburgh 30, Pa.

P. F. KOHLHAAS
ASSISTANT VICE PRESIDENT
ENGINEERING



Property of August 29, 1955
REFERENCE ROOM
File No. L-114

CHIEF ENGINEERING EXECUTIVES
OF DIVISIONS AND ASSOCIATED
SUBSIDIARIES

Resolite Skylights and Windows

Dear Sir:

Under date of April 7, 1955 we mailed you a letter and its attachment, Factory Mutual Laboratories Report No. 11864 dated July 1, 1951, revised March 23, 1953, which stated the conditions under which Corrulux could be used for skylights and windows in the plants of the United States Steel Corporation.

Since then we have received an inquiry from one of our subsidiaries, regarding the use of Resolite for the same purpose. Resolite is a product similar in most respects to Corrulux and has the same advantages over glass as those outlined for Corrulux in our letter of April 7, 1955, referred to above.

The Insurance Bureau of the United States Steel Corporation has approved the use of Resolite, for skylights and windows, under the same conditions as those governing the use of Corrulux.

Information concerning Resolite, if desired, should be obtained from the manufacturer, Resolite Corporation, Zelienople, Pa. or his distributor Elwin G. Smith & Co., Williams Street, Emsworth, Pittsburgh 2, Pa.

We would appreciate being advised of your reaction in regard to the possible use of this material, and of any contemplated application. There may be similar products, with varying trade names, appearing from time to time and we would appreciate your advising us as you hear of same; we will, in turn, keep you informed about them.

Very truly yours,

P. F. Kohlhaas
Assistant Vice President
Engineering

USHO 002834

RNB:majf
cc: J. L. Young

Copies to: Mr. R. R. Thomas
Mr. E. B. Nelson

N.C.M. - 8/31/55

66-1-55 Clerk
G.G. 9-1-55
N.S.W.

Enc. to Mr. R. R. Thomas

MEMORANDUM

Subject: Corrugulux Skylights and Windows

Corrugulux is a glass substitute manufactured by L. O. F. Glass Fiber Co., formerly The Corrugulux Division of Libbey-Owens, Ford Glass Co., P. O. Box 20026, Houston, Texas.

The six standard colors available are coral, skylight green, light ivory, skyblue, sunlight yellow and Forrest green.

It weighs 1/2 pound per square foot, is nominally 1/16" thick, will carry 100 pounds per square on a four foot span, is interchangeable with corrugated roofing and siding, fastens with the same fasteners, and can be used on standard purlin spacing up to five feet.

It is available in widths from 26" to 42", lengths up to 12 feet, and corrugated in any commercial sizes.

It is a shatterproof, corrugated, translucent material made from tough weather resistant resins reinforced with fiber glass.

It will ignite and burn when exposed to flame, impingement or temperature of about 850 degrees F. The plastic resins are vaporized or distilled from the material when exposed to temperatures from 500 to 800 degrees F., resulting in discoloration of the surface. The rate of vaporization increases with the temperature with little damage to the material in the 500 degree range.

The Safety, Insurance, and Engineering Divisions of the U. S. Steel Corporation have approved the use of Corrugulux under the following conditions:

1. Unlimited areas of Corrugulux may be used if the building has sprinkler protection.
2. It may be used on buildings in which sprinklers could normally be omitted.
3. Corrugulux is not to be installed on buildings in continuous lengths over 250 ft. Fifty foot long sections of corrugated steel roofing is to be installed between 250 ft. long sections of Corrugulux.
4. When Corrugulux sheets are used as small panels or intermittent area instead of continuous rows, a fifty foot separation of corrugated steel roofing or siding is to be provided every 400 ft.
5. Adjacent or parallel continuous rows or panels of Corrugulux are to be separated by at least 10 feet of corrugated steel roofing or siding.
6. Corrugulux sidewall panels are to be located near the eave line and not more than 8 feet high.