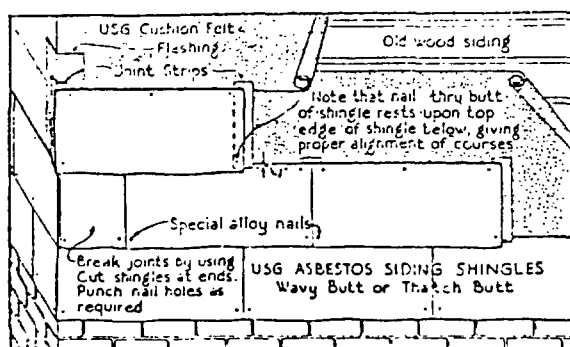




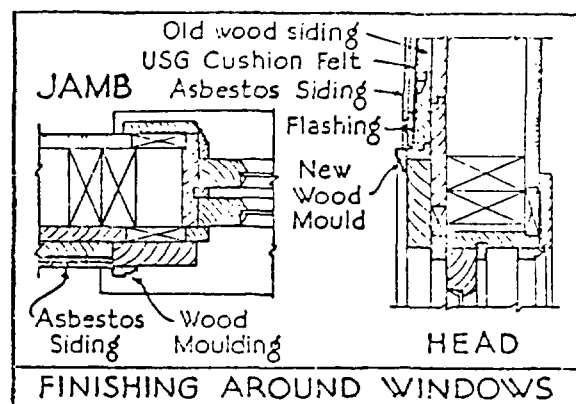
Advantages and Uses

USG Asbestos Cement Siding offers (1) protection against fire from without, (2) protection from the weather, (3) decoration, (4) permanence, and (5) low upkeep for frame buildings. Equally useful for remodeling existing structures, USG Asbestos Cement Siding is nailed directly to the wood

sheathing, using 1 1/4-in. galvanized nails in the holes provided for them at the top of each siding unit. If insulation board or Gyplap Sheathing is used, Naillex Fasteners (see below) permit the application of USG Asbestos Cement Siding direct to Weatherwood or Gyplap Sheathing without need for the usual furring strips.



APPLICATION—Over old siding, use 1 x 1 1/4-in. cant strip under edge of first course. Project shingle 1/4-in. below strip for water table.



NAILEX FASTENERS

In the past when asbestos cement sidings have been applied to structures sheathed with Weatherwood insulation board or Gyplap, it has been necessary to apply furring strips to receive the siding material.

Naillex Fasteners (shown at right) permit direct nailing of asbestos cement siding to either insulation board or Gyplap without the use of furring strips. The simple, wedge-like Naillex Fastener is applied to those nails which protrude through the sheathing securely locking them to the construction and holding the siding securely.

Naillex Fasteners are applied to the nails which do not reach the studs but protrude through the sheathing. They must be used before the interior face of the wall is lathed. Naillex Fasteners fit the 14 gauge, 3/16" diameter buttonhead, copper alloy, timed, annular grooved 1 1/4" nails, usually supplied with asbestos siding for use over wood siding. Naillex Fasteners are set with a light hammer tap on the large end, with a plier as shown, or by manually utilizing their wedge like action. The siding is fastened more snugly than is possible with careful nailing to a wood support. Naillex Fasteners are so devised that any pull on the nail head makes the fastener pinch the nail and hold more securely. They literally lock the nail to

either Weatherwood or Gyplap sheathing. No furring strips are necessary. Even though the nail just misses a stud or joist, by bending it slightly a Naillex Fastener may be effectively applied to secure that nail. Nails which are driven through a joint between two sheathing boards are, likewise, held just as well as though they were nailed through the body of the board. Should a siding unit require replacement after the house has been completed, a 2" x 1/2" timed, copper alloy, toggle bolt is used through the original nail hole to make the repair. The holding action of Naillex Fasteners is almost identical to that produced by a toggle bolt. They are inexpensive and actually speed construction and reduce its cost.



Naillex Fastener



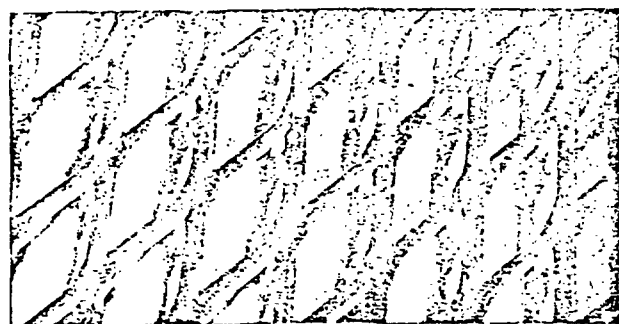
UNITED STATES EXPANDED METAL COMPANY 1750 W. 10TH AVE. MINNEAPOLIS, MINN. 55403 CANTON, OHIO 44705

USG EXPANDED METALS



Econo® Mesh, Regular Expanded Metal

Made from a single plate of steel which has been slit and expanded into rigid, non-ravelling open-work. Strands and strand intersections, or bonds, are set at a sharp angle. This gives the product strength and rigidity impossible with wire meshes. The expanding process is a type of cold drawing. Econo Mesh has the properties of cold-drawn steel.



Shelf-X® Flattened Expanded Metal

Shelf-X is Econo Mesh which is passed through flattening rolls, turning the strands and intersections into a flat, smooth surface on which objects can stand without tipping and slide without catching. Shelf-X is resilient enough to make it a good seating material.

USES

Window Guards	Lockers	Cellar Area Guards
Grilles	Gates	Bins
Railings	Partitions	Non-Slip Catwalks
Tree Guards	Trellises	Low Garden Fencing
Shelving	Baskets	Furniture

ADVANTAGES

Workability—USG Expanded Metals can be cut readily into desired shapes without danger of raveled strands. They may be welded, bent and formed, drawn and flared. When cut in any direction USG Expanded Metals still retain their original strength.

Finishes—May be: painted, lacquered, plated or coated with nickel, chromium, copper, rubber, etc.

Appearance—Well-made, regularly spaced pattern. Non-ravelling. Cannot be pried apart. Smooth (Shelf-X) or non-slip and rigid (Expanded Metal).

Strength—Cold drawn steel. No rivets, welds or crimping. Heavy strands from one piece of metal make strong but light weight grille.

METALS

Stocked in open hearth and stainless steel. Made to order in copper, brass, aluminum, etc.

DESIGN SERVICE

Solutions for your problems. Attachment devices and methods.

Guide to the Selection of USG Expanded Metals

SUGGESTED USES						Style No.	Wt. per sq. ft. (lbs.)	Sq. in. sec. area per ft. of width	Size of en. dia. (in.)		Sheet size		Approx. open area	Made from U. S. Standard Ga. No.	
Machine Guards	Window Guards	Lockers	Partitions	Furniture	Trays & Racks				Wide	Long	Width (short way of diamond)	Length (long way of diamond)			
ECONO MESH															
•	•	•				1/2 in. #18	50	20	50	1 20	4 8 6	11	8 11	65%	18
•	•	•				3/4 in. #16	54	16	87	2 00	4 8 6 1/2	11	8 11	76%	16
•	•	•				3/4 in. #13	80	24	87	2 00	4 8 6	11	8 10, 12 11	76%	13
•	•	•				3/4 in. #10	119	35	87	2 00	4 8 6	11	8 11	69%	13
•	•	•				3/4 in. #9	130	53	87	2 00	4 8 6	11	8 10, 12 11	68%	10
•	•	•	•			1 1/2 in. #10	79	23	1 37	3 12	4 8 6	11	8 11	81%	13
•	•	•	•			1 1/2 in. #9	119	35	1 37	3 12	4 8 6	11	8 10, 12 11	80 1/2%	10
•	•	•	•			1 1/2 in. #8	68	20	1 37	3 12	4 8 6	11	8 11	84%	12
SHELF-X															
•	•	•		•		1/2 in. #18	114	34	28	1 06	4 11	8 11	35%	18	
•	•	•		•		1/2 in. #18	70	20	50	1 76	4 8 4	11	8 11	60%	18
•	•	•		•		1/2 in. #16	87	25	50	1 26	4 8 4	11	8 11	60%	16
•	•	•		•	•	3/4 in. #16	54	16	89	2 12	4 8 4	11	8 11	71%	16
•	•	•		•	•	3/4 in. #13	80	24	89	2 12	4 8 4	11	8 11	71%	13
•	•	•	•	•	•	1 1/2 in. #16	31	91	1 40	3 25	4 8 4	11	8 11	80%	16
•	•	•	•	•	•	1 1/2 in. #9	119	35	1 10	3 25	4 8 4	11	8 11	78 1/2%	10

*Reg. Trade Mark

UNITED STATES EXPANDED METAL COMPANY