

## 1. PRODUCT NAME

*Stay-Form*®: Form for Poured-In-Place Concrete

## 2. MANUFACTURER

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(AMICO)  
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## 3. PRODUCT DESCRIPTION

*Stay-Form* is a ribbed expanded metal leave-in-place concrete form for poured-in-place concrete, designed to be used with 3"-4" slump mix although a slump of up to 6" may be used with proper precautions. Pour rates of up to 10 ft/hr. may be achieved depending on ambient temperature, support spacing and product type.

**Basic Use:** Effective for use as forming for bulkheads, pile caps, grade beams, blindside walls, construction joints, column and beam pockets, thrust blocks and wherever removal of forms is difficult.

**Composition and Materials:** *Stay-Form* is fabricated in accordance with ASTM C 847 from hot dipped galvanized coiled sheet steel meeting ASTM A653/A653M. 26 ga. thickness is for standard grade (#66) material at 27" X 97" finished sheet size and of 25 ga. sheet for heavy grade (#77) material.

Formed by lancing and expanding galvanized sheet steel in such a pattern as to allow the subsequent formation of Solid V-ribs of 3/4" depth running parallel to the length of the sheet and spaced 3 7/8" apart.

The area that covers the space between adjacent ribs comprises the expanded mesh portion of the piece with a mesh opening size of approximately 1/4" X 3/8" and being of a parallelogram shape.



Panels are packaged on wood pallets. Each standard pallet contains 250 panels. Each panel has 18 sq. ft. Each pallet has 4500 sq. ft. A wood top is placed on the pallet. No special tools are required for installation. Sheets can be cut with a common circular power saw with abrasive blade. Tin snips may be used for cutting. A pointed rebar may be used for penetrate sheets for placing structural re-bar through bulk-heads. A burning torch may be used to cut holes or size the panel. No special electrical or pneumatic utilities are required for installation.

**Limitations:** Sheets have small openings 1/4" X 3/8" (mesh pattern). A smooth concrete architectural finish is not possible without backplastering. Applications are primarily for below grade level forming or hidden surfaces. Concrete with a slump greater than 6" is to be used with caution. When consolidating the pour, the vibrator should not come in physical contact with the sheets or closer than 2 to 3 inches.

## 4. TECHNICAL DATA

The standard governing the properties of steel is ASTM A 525-83. Load bearing safety factor per AC1-347. The physical properties of *Stay-Form* are:

**Gage thickness:** Type No.66-26 ga.; **Sheet Size:** (normal) 27" wide x 97" long. **Weight per square foot** Type No.66-26 ga. .66 lbs./sq. ft.

## 5. INSTALLATION

The installation of the panels are similar to the installation of conventional plywood forming panels. The ribs of the panels are placed perpendicular to the supports spanning the space between supports whether they be studs or walers. The panels are fastened to the supports by nails or wire-tying as the situation may require. Ribs should be placed into first pour.

For vertical forms, the bottom course of panels is placed first. Panel ends are lapped 2" to 3" with ribs nested and with lap joints occurring over a support. The second course of panels is placed with panel sides being nested in edge rib only.

of adjoining sheets.

Panel side joints are to be secured by wire-tying side lap joints with maximum tie spacing of 12" between supports. Panels are fastened along supports on 8" spacing. Panel end joints are to be staggered between courses.

*Stay-Form* must be braced against liquid pressure, same as conventional form construction.

**Precautions:** Do not exceed bracing/ pour rate guidelines. Be cautious about vibrator resting against *Stay-Form*. Maintain at least 2"-3" vibrator distance.

## 6. MAINTENANCE

Other than normal protection from the natural elements, *Stay-Form* is maintenance free.

## 7. TECHNICAL SERVICES

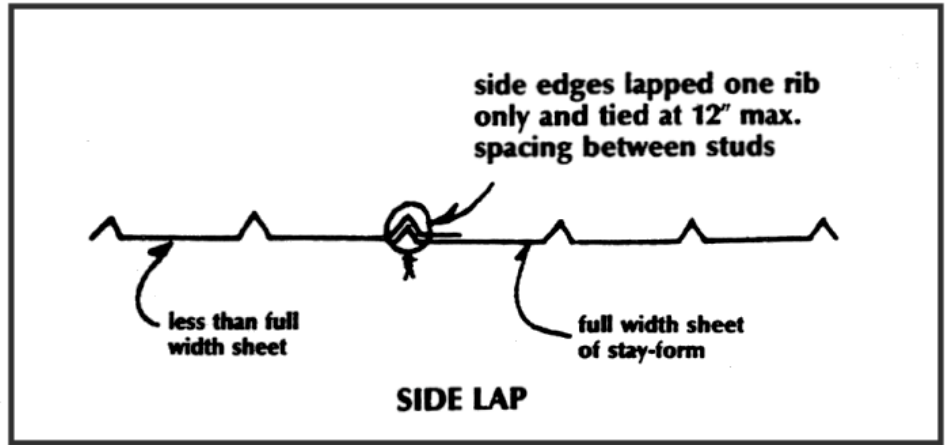
Technical service is available from the local distributor. In addition, manufacturers representatives are available from a larger territory through the manufacturer's distribution centers. Technical services are available by telephone, facsimile, or mail from the manufacturer's technical service department at the home office. All technical data is published and is available upon request

## 8. FILING SYSTEMS

- SPEC-DATA811
- Sweets and Sweets BuyLine 7972
- Product Catalogs
- American Concrete Institute Twining laboratories of Southern California, Inc
- Carl A Hart Structural, Inc
- VCR
- Manufacturers seminar upon request
- See SweetSource for additional information. Call 1-800-551-3796 to order SweetSource.

## 9. WARRANTY

AMICO *Stay-Form* is warranted to the finished product specification to the physical and chemical properties of the raw material used if requested prior to the sale and expressly stated by AMICO and AMICO's supplier.



This warranty is limited to one year from the date the product is used for its intended purpose.

The information herein is accurate and reliable to the best of our knowledge. AMICO has no control over installation workmanship, accessories, complementary materials, or conditions of application and therefore, cannot be responsible for these areas of product performance.

THE EXCLUSIVE REMEDY FOR ANY BREACH OF WARRANTY IS

REPLACEMENT OF THE PRODUCT OR A REFUND OF THE PURCHASE PRICE AT AMICO'S OPINION.

THE ABOVE STATED WARRANTIES AND REMEDY ARE THE ONLY WARRANTY MADE AND AMICO DISCLAIMS ANY OTHER WARRANTY WHETHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

