



WE'RE BUILDING A BETTER WORLD

Installation Manual

PS•4000 Flat Wall



Insulating Concrete Form Building System

WELCOME TO POLYSTEEL®

Thank you for choosing PolySteel Forms, the leader in the Insulating Concrete Form (ICF) Industry since 1978. The Forms you have selected have been designed and manufactured to meet or exceed the strictest standards in the building industry. Your decision to use this innovative product reflects your own commitment to quality construction, energy efficiency, and a safer environment. By following the proper installation, bracing, and concrete placement (pouring) procedures you will be able to build a PolySteel structure that will last for generations to come.

READ THE MANUAL

This Installation Manual has been prepared for the sole purpose of assisting you in your effort to build the best structure possible. The installation procedures outlined have been developed from the wealth of experience gained by the numerous builders, contractors, and do-it-yourselfers, who have used PolySteel Forms, working in conjunction with our product designers and engineers in their continuing efforts to help you build a PolySteel structure of which you can be proud. Consequently, **we urge you to read and study the entire manual before you begin using PolySteel Forms.** There are recommended procedures for each stage of the construction process, along with Tips and Techniques that might be more suitable in certain circumstances, or for certain builders. It is important that you look over all of the alternatives offered in order to select the best approach for your particular project.

COMPLY WITH BUILDING CODES

PolySteel was the first ICF to achieve national code recognition for its product and we feel strongly about the importance of constructing quality projects in accordance with all applicable building standards and codes. The procedures in this manual are designed to be in compliance with these codes and regulations, including the American Concrete Institute Standard for Structural Concrete (ACI 318), the *Prescriptive Method for Insulating Concrete Forms in Residential Construction*, prepared by the NAHB Research Center, and the International Residential Code (IRC). We encourage you to determine which codes apply to you in your area and/or for your particular project. To properly comply with the building codes in your area, we ask that you refer to one of the following regional building code agency evaluation reports on our PolySteel Forms. These reports are available from your PolySteel representative, or on our web site at www.polysteel.com:

- ✓ ICC Evaluation Service (BOCA & SBCCI) Legacy Research Report No. NER-515
- ✓ ICBO Evaluation Service Research Report No. ER-4295
- ✓ New York State Certificate of Acceptability No. 0079-R
- ✓ City of New York MEA No. 188-03-E
- ✓ Wisconsin Building Product Evaluation No. 200239-R
- ✓ City of Los Angeles, California Research Report: RR 25505
- ✓ Florida Product Approval FL3619
- ✓ Canadian CCMC Report No. 12638R

Certain state and local jurisdictions may require additional approvals and/or reports that are also available through your local PolySteel representative.

LIMITED SCOPE AND APPLICATION

This Installation Manual has been prepared under the assumption that the installer has a basic knowledge of construction and it is not intended as a substitute for that knowledge. The procedures outlined for the proper installation of PolySteel Forms are current as of the publication date and may have been updated since then. Accordingly, **these procedures should be considered as guidelines only** and should be supplemented with advice from your PolySteel Dealer and/or directly with American PolySteel, LLC.

ASK FOR HELP

If you have any questions, or need additional information about our products or procedures, please don't hesitate to ask. Advice and assistance can be obtained by contacting your local Dealer or directly from American PolySteel. Our office headquarters is located in Albuquerque, New Mexico, our web site is www.polysteel.com, and our telephone number is (800) 977-3676. We will be happy to assist you in any way we can. If used properly, PolySteel Forms will give you the strongest, safest, and most energy efficient building that money can buy. Please make the effort to use them properly and, we're sure, you will never want to use any other building system again. We thank you again for selecting our products and services and for helping us in our efforts to Build a Better World with the best building material available for the exterior walls of your residential or commercial project.

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As our world becomes smaller, our human and environmental interdependence becomes more clear and our need to respect each other and our natural world more critical. American PolySteel is committed to working with our fellow citizens, in reverence to all of creation, to improve our quality of life by improving the quality of the shelters we build, the lives of those involved in the process, and the environment in which we all live, work, and play as we strive to become better human beings. We are committed to leaving the world a little better than we found it so that future generations have an unfettered opportunity to do the same.



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