

Mono Slab® EZ Form Product Data Sheet

Product Overview

Mono Slab® EZ Form is an innovative forming system designed for monolithic slab foundations and frost-protected shallow foundations. It combines the simplicity of traditional forming with the performance and insulation of rigid EPS foam, eliminating the need for separate footing forms, insulation boards, and complex setups. The system enables faster, cleaner, and more energy-efficient concrete foundation installation—ideal for residential, commercial, and agricultural construction projects.

Key Features

- One-Step Monolithic Pour – Combines footing and slab in a single continuous pour.
- Integrated Insulation – EPS foam provides frost protection and improved thermal performance.
- Lightweight & Easy handling.
- Reduces Labor & Material Costs – Eliminates the need for separate formwork and insulation placement.
- Compatible with Reinforced Concrete – Works with rebar or mesh reinforcement.
- Code-Compliant – Meets requirements for frost-protected shallow foundation systems (FPSF) per the IRC R403.3, IBC 1809.5, and ASCE 32 guidelines.

Technical Specifications

Property	Specification
Material	Type 1, Type 2 Expanded Polystyrene (EPS)
Compressive Strength	10 PSI Base, 15 PSI Vertical & Horizontal
Density	1 LB Base, 2 LB Vertical & Horizontal
Thermal Resistance (R-Value)	R-10 Min, R-15 Max, R-30 Median
Form Length	8 ft
Form Height	16" + 4" Extension
Footing Width	16" + 4" Extension + 7.25" Filler Piece
Fastening System	Wood stakes and molded plastic level up brackets
Compatibility	FPSF (Frost Protected Shallow Foundation)

Installation Instructions

1. Excavate to plus or minus 1/2 inch.
2. Form Layout: Place and connect forms, secure with metal brackets, verify alignment.
3. Beginning at a corner, place the first Mono Slab® EZ Form.
4. Place the next Mono Slab® EZ Form, butting it in firm contact with the previous form.
5. Connect Mono Slab® EZ Form with a 2x12x8' screed board, staggering the seams. Place two stakes per 8' length.
6. Lightly backfill the exterior of the forms.
7. Starting at the highest point in the foundation, lift the screed board (2x12x8') to achieve a perfect level.
8. Secure screed boards with Level Up Extension Brackets.

Cold-Weather Installation Guidelines

For all types of construction, heat loss through the floor of a building contributes to geothermal heat storage under the building that is released to the foundation perimeter. Using insulated footings will effectively regulate the stored heat loss and retard penetration of the frost line during a period of heating system failure or set-back. Conventional foundations, with typically less insulation, do not offer this level of

protection and the frost may penetrate more quickly through the foundation wall and into interior areas below the floor slab. With ad-freezing (the frozen bond between the water in the soil and the foundation wall), frost does not need to penetrate below footings to be dangerous to light construction. In this sense, frost-protected footings are more effective in preventing frost damage.

The proposed insulation requirements are based on highly accurate climate information verified by up to 86 years of winter freezing records for over 3,000 weather stations across the United States. The insulation is sized to prevent foundation soil freezing for a 100-year return period winter freezing event with a particularly rigorous condition of no snow or ground cover. Even then, it is highly unlikely that during such an event there will be no snow cover, sufficiently high ground moisture, and an extended loss of building heat.

- Do not place concrete on frozen soil.
- Use heated enclosures or insulated blankets to maintain temperature above 50°F for 48 hours.
- Employ cold-weather admixtures per concrete supplier recommendations.
- Delay removal of protection until concrete reaches design strength.

Material Handling & Storage

Store EPS forms flat, under cover, and protected from UV exposure. Avoid open flames or solvents near product.

Safety & Environmental

Non-toxic, inert, and CFC/HCFC-free. Minimal waste during installation. Compatible with LEED® and ENERGY STAR® construction standards.

Ordering Information

SKU	Form Height	Form Width	R-Value	Length	Bundle Qty
ADJ-2031-S	16" + 4" Extension	16" + 4" Extension + 7.25" Filler Piece	R-10 Min, R-15 Max	8 ft	12 pcs
C-2424-S	24 in	24 in	R-10 Min, R-15 Max	8 ft	4 pcs

Warranty

Mono Slab® EZ Form warrants that its system is free from defects in material and workmanship under normal use and service for a period of one 1 year from the date of original purchase.

1. Warranty Limitations

This warranty applies only to the original purchaser and is non-transferable. It does not cover:

- Damage caused by improper installation, misuse, neglect, or alteration.
- Damage due to acts of nature, including but not limited to storms, floods, earthquakes, or other natural disasters.
- Normal wear and tear or aesthetic changes that do not affect the performance of the Product.

The Mono Slab® EZ Form system is designed and intended solely as an insulation method and forming aid and does not serve as a structural element in any construction or foundation system. This product is not

engineered to bear loads, provide structural support, or replace any structural components required by local building codes. The manufacturer and supplier make no warranties, express or implied, regarding the structural performance of the Mono Slab® EZ Form system. It is the sole responsibility of the builder, contractor, or engineer to ensure proper structural design and compliance with applicable codes and regulations. Mono Slab® is not a structural product and must be in compliance with ASCE 32. Mono Slab® must be registered within 30 days of installation to be eligible for warranty coverage. Mono Slab® is not responsible for site conditions, imported soils, soil reports, geotechnical evaluations, or structural loads.

2. Compliance

Mono Slab® is in compliance with IRC, IBC, and IECC Codes.

3. Claim Process

To make a warranty claim, the purchaser must:

- Notify the Manufacturer in writing within 30 days of discovering the defect.
- Provide proof of purchase, including date and place of purchase.
- Submit photographic evidence or other documentation as requested by the Manufacturer.

4. Remedy Under Warranty

If a defect is found and verified by the Manufacturer, the Manufacturer may, at its sole discretion:

- Replace the defective Product.

The Manufacturer's liability is limited solely to the replacement or repair of the defective Product. Under no circumstances shall the Manufacturer be liable for incidental, consequential, or indirect damages resulting from the use or inability to use the Product.

5. Disclaimer of Other Warranties

Except as expressly stated in this document, the Manufacturer makes no other warranties, expressed or implied, including but not limited to any implied warranties of merchantability or fitness for a particular purpose.

6. Governing Law

This warranty shall be governed by and construed in accordance with the laws of the state in which the Product was purchased.

For questions or to initiate a claim, contact Mono Slab® EZ Form Customer Service at 208-558-5200.

Contact

Mono Slab® EZ Form

- Website: www.monoslabezform.com
- Email: info@monoslabezform.com
- Phone: 208-558-5200