

ICF Installation Labour - L-01

Untitled Project

07 January 2026

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ICF INSTALLATION LABOUR SUMMARY

Insulated Concrete Form (ICF) Works — Untitled Project

This page is a summary of calculated labour outputs. Detailed rates are provided in Appendix A and assumptions are provided in Appendix B.

TOTAL LABOUR

Total ICF Installation Labour

25.0 HOURS

CREW DURATION

Crew durations are indicative only and assume competent ICF installation teams under normal site conditions.

Crew Size	Duration
2-person crew	1.6 days
3-person crew	1.0 days
4-person crew	0.8 days

HIGH-LEVEL ACTIVITY BREAKDOWN

Activity	Hours
Wall Construction	5.7
Openings	4.0
Block Cuts	1.2
Reinforcing	6.2
Bracing & Temporary Works	7.9

LABOUR BREAKDOWN

ICF Installation Labour - L-01

Activity	Hours
Wall construction	5.7
Openings	4.0
Block cuts	1.2
Reinforcing	6.2
Bracing & temporary works	7.9
Total labour hours	25.0

Material quantities are provided in ICF Project Quantities - Q-01

ICF Integrated Design and Estimation Tool

APPENDIX A

LABOUR RATE BASIS

Untitled Project

LABOUR RATES

Activity	Rate	Unit
Standard ICF block installation	0.125	per_m2
EPS jam: install insert + bracing/supports pre-pour + remove post-pour	0.2	per_meter
Timber jam (Prebuck): install + bracing/supports pre-pour + remove post-pour	0.25	per_meter
EPS head/lintel: install + vertical supports/bracing/planks pre-pour + remove post-pour	0.5	per_meter
Timber head/lintel: install + vertical supports/bracing/planks pre-pour + remove post-pour	0.5	per_meter
EPS sill: fabricate/cut + install + bracing pre-pour + remove post-pour	0.333	per_meter
Timber sill: fabricate + install + bracing pre-pour + remove post-pour	0.333	per_meter
Horizontal ICF block cut (when override course heights used)	0.0667	per_meter
Vertical ICF block cut (when override module width used)	0.333	per_meter
Structural brace installation (per brace unit)	0.2	per_unit
Walkway plank installation (per plank)	0.167	per_unit
Safety handrail installation (per linear meter)	0.04	per_meter
Vertical rebar installation (standard bars)	0.0333	per_unit
Horizontal rebar at standard course height (457mm spacing, 6m length)	0.05	per_unit
Horizontal rebar at non-standard spacing (closer than 457mm)	0.0667	per_unit
Corner bar installation at standard course height (457mm spacing)	0.05	per_unit
Corner bar installation at non-standard spacing (closer than 457mm)	0.0667	per_unit
Lintel steel beams above openings (per linear meter)	0.5	per_meter
Ring beam at top of wall (per linear meter)	0.25	per_meter

APPENDIX B

ASSUMPTIONS

Untitled Project

Assumption
Rates assume experienced ICF crew.
No allowance for weather delays.
Crane / pump excluded unless noted.
Opening complexity reflected in geometry.


NOTES & DISCLAIMERS


Statement
This document is for quantity verification and cost estimation only.
It does not replace structural or construction documentation.
Final quantities remain subject to detailed design, site conditions, and authority requirements.
The software provider accepts no responsibility for misuse outside stated scope.
Labour excludes concrete placing and finishing unless stated otherwise.

Project Labour Summary

Summary of ICF installation labour derived from the current model.

Component	Hours
Wall Construction (45.7 m²)	5.7 hrs
Opening Details (jams, heads, sills)	4.0 hrs
ICF Block Cuts (adjustments)	1.2 hrs
Reinforcing Steel (vertical, horizontal, corners)	6.2 hrs
Bracing & Temporary Works (braces, planks, handrail)	7.9 hrs
TOTAL LABOUR	25.0 hrs

 **Labor Scope:** All rates include complete installation cycle: install materials pre-pour + install bracing/supports/planks/handrails + remove all temporary works post-pour.

 **Units:** Lengths shown in meters (m). Rates shown in hours per meter (hrs/m). Area in square meters (m²).
Metric mode - all measurements in meters and square meters.

Labour Inputs (Rates)

Adjust labour rates for this project. Hours are derived from the current model using these rates.

Filter by category

All categories

Reset to defaults

Category	Rate	Unit	Hours per unit
Wall Construction Standard ICF block installation	standard_block	per_m2	0.125
Opening Details EPS jam: install insert + bracing/supports pre-pour + remove post-pour	jam_eps	per_meter	0.2
Opening Details Timber jam (Prebuck): install + bracing/supports pre-pour + remove post-pour	jam_timber	per_meter	0.25
Opening Details EPS head/lintel: install + vertical supports/bracing/planks pre-pour + remove post-pour	head_eps	per_meter	0.5
Opening Details Timber head/lintel: install + vertical supports/bracing/planks pre-pour + remove post-pour	head_timber	per_meter	0.5
Opening Details EPS sill: fabricate/cut + install + bracing pre-pour + remove post-pour	sill_eps	per_meter	0.333

Category	Rate	Unit	Hours per unit
Opening Details Timber sill: fabricate + install + bracing pre-pour + remove post-pour	sill_timber	per_meter	0.333
ICF Block Adjustments Horizontal ICF block cut (when override course heights used)	horizontal_cut	per_meter	0.0667
ICF Block Adjustments Vertical ICF block cut (when override module width used)	vertical_cut	per_meter	0.333
Bracing & Temporary Works Structural brace installation (per brace unit)	brace_install	per_unit	0.2
Bracing & Temporary Works Walkway plank installation (per plank)	plank_install	per_unit	0.167
Bracing & Temporary Works Safety handrail installation (per linear meter)	handrail_install	per_meter	0.04
Reinforcing Steel Vertical rebar installation (standard bars)	vertical_rebar	per_unit	0.0333
Reinforcing Steel Horizontal rebar at standard course height (457mm spacing, 6m length)	horizontal_rebar_standard	per_unit	0.05
Reinforcing Steel Horizontal rebar at non-standard spacing (closer than 457mm)	horizontal_rebar_non_standard	per_unit	0.0667
Reinforcing Steel Corner bar installation at standard course height (457mm spacing)	corner_rebar_standard	per_unit	0.05
Reinforcing Steel Corner bar installation at non-standard spacing (closer than 457mm)	corner_rebar_non_standard	per_unit	0.0667
Reinforcing Steel Lintel steel beams above openings (per linear meter)	lintel_steel	per_meter	0.5
Reinforcing Steel Ring beam at top of wall (per linear meter)	ring_beam	per_meter	0.25
Changes are saved to this project and will apply to the labour totals shown on this page.			

A. Base Installation Labour			
Labour for standard ICF wall placement excluding complexity allowances.			
Component	Area (m²)	Rate (m²/hr)	Labor Hours
Standard ICF Block Installation	45.72 m²	8.00	5.72

B. Complexity Allowances

Additional labour derived from design complexity. These are additions, not overrides.

Opening Details (Jambs, Heads & Sills)

Component	Material	Length (m)	Rate (m/hr)	Labor Hours
Jams (Vertical)	EPS	9.19 m	5.00	1.84
Heads/Lintels (Horizontal)	EPS	4.27	2.00	2.13
Opening Details Subtotal				3.97

Wall-Level ICF Block Cuts

Cuts for rebate, non-modular wall dimensions, and gable/mono walls (separate from opening cuts)

Component	Type	Length (m)	Rate (m/hr)	Labor Hours
Horizontal Cuts (Walls)	Wall Cut	18.62	14.99	1.24
Wall Cuts Subtotal				1.24

Cut Details:

- **Horizontal:** Wall 1: Custom height at base (4.86m)
- **Horizontal:** Wall 2: Custom height at base (4.45m)
- **Horizontal:** Wall 3: Custom height at base (4.86m)
- **Horizontal:** Wall 4: Custom height at base (4.45m)

Opening-by-Opening Details

D01 - Door

Cladding: Render/Plaster

Jam Material: EPS

Dimensions: 2.03m × 2.30m

D02 - Door

Cladding: Render/Plaster

Jam Material: EPS

Dimensions: 2.24m × 2.30m

Reinforcing Steel Installation

Steel bar counts by labor category — Pattern: **Fast (457mm centres)**

154

Total Pieces

397.06m

Total Length

352.5kg

Total Weight

6.2

Labor Hours

Category	Pieces	Rate	Hours
Vertical Bars	92	30/hr	3.06
Horizontal Bars (457mm - Fast)	14	20/hr	0.70
Corner Bars (457mm - Fast)	48	20/hr	2.40
Total Steel Installation			6.16 hrs

Future categories: Lintel steel (around openings) and Ring beam (continuous top steel) will be added when implemented.

Total ICF Installation Labour

Component	Hours
Base installation	5.7 hours
Complexity allowances	19.3 hours
Total	25.0 hours

Labour excludes concrete placing and finishing unless stated otherwise.