

Table of Contents

Section 1 - Preparing for ThermoFormX System

Tool List	1
Basic Components	2
Locating Components	3
Panel Fabrication	4
Plastic 90° Corner Set	5
Plastic 45° Corner Set	6
Wall Width Dimensions	7

Section 2 - 90° Corner Assembly

Mounting Lower C-Channel	8
Placing Outside Plastic Corner & Corner Panels	9
Placing Inside Plastic Corner & Plastic Studs	10
Securing C-Channel to Outside Plastic Corner & Plastic Studs	11
Installing Adjustable Lateral-Ties	12
Securing Adjustable Lateral-Ties to Outside Plastic Corner	13
Installing Outside Corner Poly Plug	14
Installing Corner Rebar	15

Section 3 - Straight Wall Assembly

Placing Vertical Poly Panels with Plastic Studs	16
Installing Standard Lateral-Ties	17
Installing Standard Lateral-Ties Cont.	18
Mounting Upper C-Channel	19
Using Temporary Bracing	20
Required Bracing	21
Using Nails to Hold Poly Panels & Plastic Studs in Place	22
Utilizing Insul-Tac™ on Spliced Poly Panels	23

Section 4 - Bracing 8ft & 9ft Corner Assembly

Installing Corner Post & Base Boards	24
Installing Angle Bracing & Lap Boards	25
Installing Horizontal Walers & Lap Boards	26
Completed Corner Bracing	27

Section 5 - Building Techniques

Installing Horizontal Rebar	28
Installing Vertical Rebar	29
Securing Upper C-Channel	30
Building T-Intersection	31
Bracing T-Intersection	32
Installing a Brickledge	33
Building Window Buck Frame	34
Adding Poly Panel 2" X 4" Bracing	35
Installing Felt Paper & Upper C-Channel	36
Cutting Spliced Poly Panels for Window Bucks	37
Placing Completed Window Buck into Wall	38
Building Header on top of Window Buck	39
Building Door Buck Frame	40
Adding Poly Panel 2" X 4" Bracing	41
Installing Anchor Bolts	42
Installing Felt Paper & Upper C-Channel	43
Placing Completed Door into Wall	44
Building Header on top of Door Buck	45

Section 6 – Bracing Overview

Interior Bracing Overview	46
Exterior Bracing Overview	47
Standard Wood Kicker Assembly	48
Standard Wood Kicker Installation	49
Common Mistakes with Kickers	50
Common Mistakes with Kickers Cont.	51
Using a Turnbuckle	52

Section 7 - Pouring Concrete

Pre-Pour Checklist	53
Concrete Placement	54
Concrete Consolidation	55
Pouring Around Windows	56
Pouring Around Windows Cont.	57
Pouring Example	58
Repairing a Blowout - Diagram	59
Repairing a Blowout - Instructions	60
After the Pour	61
Day After the Pour (Window Buck)	62
Installing Window Unit	63
Day After the Pour (Door Buck)	64
Installing Door Unit	65

Section 8 - Best Practices

Building a Dry Basement (Instructions)	66
Building a Dry Basement (Diagram)	67

Section 9 – Subcontractor ARG

Attaching Drywall or Cladding to Interior Return Corner	68
Attaching Drywall to Interior Corner	69
Attaching Siding	70
Installing Penetrations	71
Installing Plumbing	72
Installing Electrical	73
Disclaimer	74