

NUDURA® Corporation

Barrie, Ontario, Canada

NUDURA® Integrated Building Technology Insulated Concrete Form System

NUDURA's Insulated Concrete Form System is considered by many commercial building contractors and product distributors to be the premium of innovation in ICF product development through its incorporation of many features that are not found in any other insulated concrete forming system.

Product Description, Applications

NUDURA's Integrated Building Technology Wall Forming System is the ONLY stay-in-place form system in the world to feature an 8 foot (2.44m) long standard forming panel along with a patented hinged web and structural interlock web system that enables the form panels to be shipped folded flat to the building site- then easily opened for assembly.

The interlock also enables the forms to be snap locked tightly together during assembly to minimize risks of form separation during pour and minimize need for time consuming form support requirements.

The forms are used as stay-in-place permanent formwork for structural concrete, load-bearing and non-load bearing, below-grade and above-grade walls. The forms can also be used in construction of plain and reinforced concrete beams, lintels, exterior and interior walls, foundation and retaining walls as well as for walls required be fire resistive or for non-combustible construction applications.

Available Sizes and Form Types

5 Different Core Thicknesses of Form Available:

- 4-inch (102 mm)
- 6-inch (152 mm)
- 8-inch (203 mm)
- 10-inch (254 mm)
- 12-inch (305 mm)

Form Types Available in ALL Core Thicknesses.

- 8 Foot (2.44 m) Standard Form Units
- 90 Degree Corner Units
- 45 Degree Corner Units
- 1 and 2-Sided Tapered Top Forms
- Long and Short T-Form Units
- Factory Cut Radius Forms
- Brick Ledge Form Units
- Brick Ledge Extensions
- 3-inch (76 mm) Height Adjuster Forms
- End Cap Forms for each core thickness

Additional Accessory Products

- NUDURA® Form Alignment System
- NUDURA® Waterproofing Membrane
- NUDURA® Floor Technology
- NUDURA® Ceiling Technology

Features, Advantages

PRODUCT

- 6-IN-1 product advantage -supplying Formwork & Rebar Containment, Structure, Insulation, Air Barrier, Vapor Barrier, Finish Anchorage/Strapping for both Interior & Exterior Finishes under one building trade.
- Rapid construction capability
- 12 ft² (1.1 m²) area of wall erected per standard form placed
- Forms fold flat for shipping including corner forms for reduced shipping costs and more efficient on-site storage
- Patented zipper-type web interlock minimizes vertical form separation
- Patented fully reversible EPS foam interlock minimizes waste
- Constant EPS foam thickness across full form line-up.
- Dual cross connecting web enables forms to be cut in half horizontally without loss of structural integrity
- Forms can be panel assembled when required to suit special conditions
- Most comprehensive and flexible form line-up available
- On-Line Technical Support Available
- Distributor Level Technical Support Available
- Classroom and On-Site Training Available

END BUILD PERFORMANCE

- R22.4 (RSI thermal comfort combined with thermal mass advantage yields potential energy savings for end use client s of up to 70% depending upon geographic location and fresh air ventilation requirements for occupancy type.
- Sound Attenuation of min. STC 50 (for 6-inch (152mm) core & above)
- Fire Resistive Construction Up to 4 Hours (ULC Listed UL Classified)
- Storm Safe Occupancy – can be reinforced to sustain wind loads up to 250 mph (
- EPS foam does not propagate mold growth
- Full flexibility of finish options available

Capabilities, Services

NUDURA's continuously expanding North American and World network of insulated form experts in sales, technical, distribution and commercial contracting services offers the designer and end user a wealth of available resources for every step of execution of a NUDURA project. In house technical support is available through NUDURA distribution or by contacting NUDURA directly through their corporate offices.

Contacts

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