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**ICF + EVOLUTION**



Building the future™



# ICF + EVOLUTION



ICF (Insulated Concrete Forms) + CEMEX Evolution is a rapid, sustainable, cost effective solution for small to medium construction projects.



ISO 9001  
ISO 14001  
OHSAS 18001  
BUREAU VERITAS  
Certification



**CX EVOLUTION + INSULATED CONCRETE FORMS (ICF)** Is our solution for your projects with a tight and very demanding finishing schedule. Consist of two panels of foam held together with cross ties or “webs” which creates a block.. The block is filled with CX EVOLUTION Concrete providing a load bearing structure that will provide superior structural performance compared to traditional systems. This system can provide additional benefits like reducing your DEWA Bill by 35% to 40% and can reduce construction time by up to 25%.

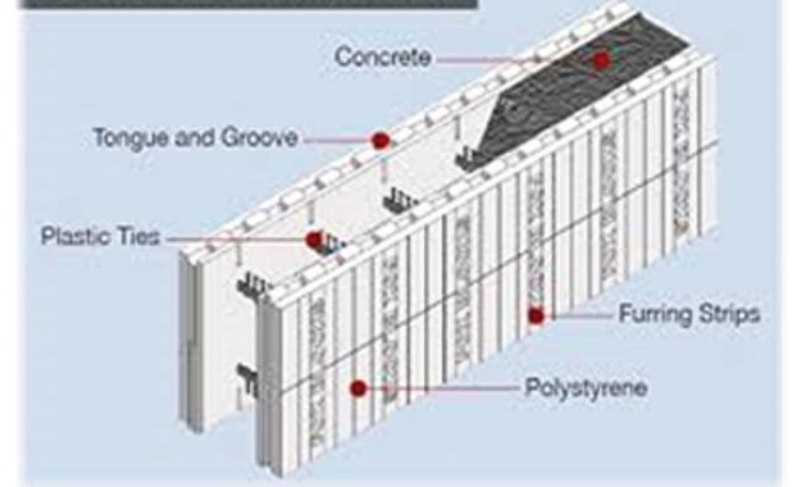
**Suitable For:**

- ↳ Bearing Walls Panels
- ↳ Non-Bearing or Partitioning Walls
- ↳ Floor or Slab Panels

**Advantages:**

- ↳ Fire resistance up to 120 minutes
- ↳ Acoustic performance up to 50 Db
- ↳ Flexibility of design (No beam system required)
- ↳ Superior K (0.084) value compared with concrete blocks
- ↳ Increase site productivity by speeding construction time (120 m2 per day output)
- ↳ Can score points for LEED or ESTIDAMA.

**THE ANATOMY OF AN ICF BLOCK**



**PERFORMANCE FOOTPRINT**



**TECHNICAL DATA**

Flexural Grade(N/mm <sup>2</sup> )	30 to 60
Flow (mm)	550 to 650
Flow Retention (min)	90 to 120
Maximum Aggregate (mm)	10 – 20
Typical Density (Kg/m <sup>3</sup> )	2,400
Cement Type	OPC, SRC, MSRCP
Supplementary Cements	GGBS, Microsilica, PFA