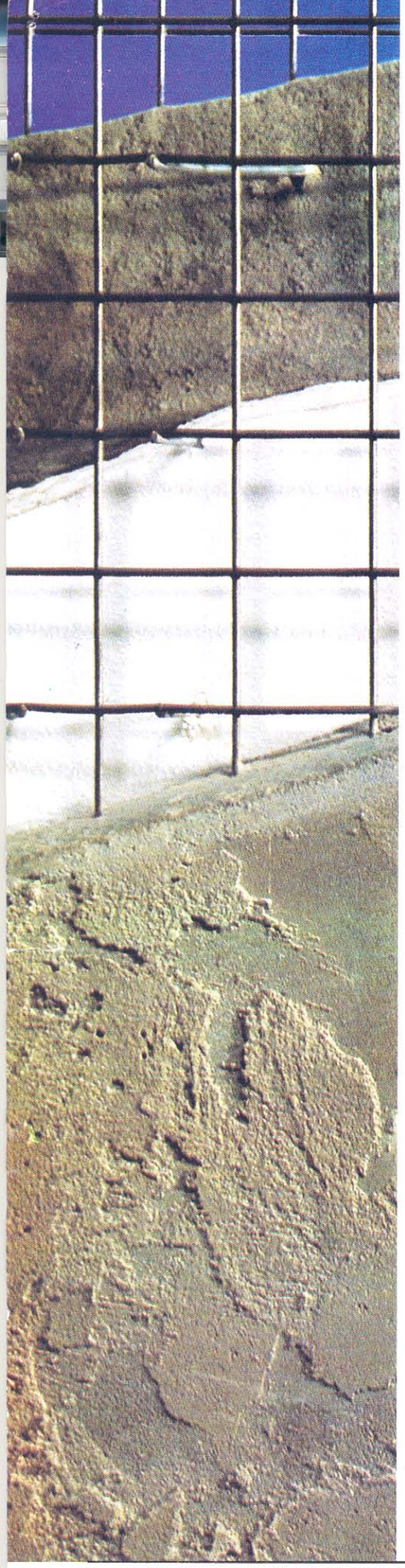
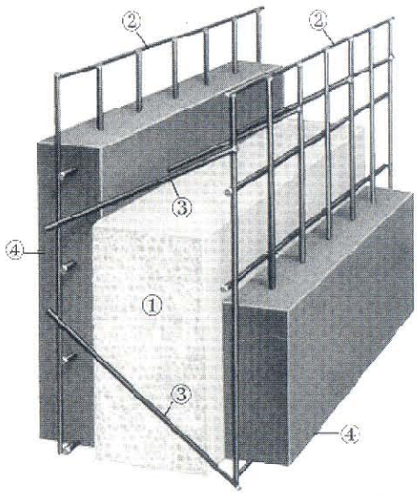


ICS
3-D PANEL SYSTEM
STRONGER THAN BLOCK

MORE VERSATILE THAN WOOD FRAME.

FASTER THAN EITHER.

Changing Construction Methods-Worldwide!



In a world grown accustomed to evolutionary change, one remarkable building system is making a truly *revolutionary* impact on global construction methods - the **ICS 3-D Panel System**.

The components of the 3-D System are simple-a core of modified expanded polystyrene, flanked by wire mesh, connected with galvanized truss wires, field-coated with concrete. Yet its extraordinary design flexibility, ease of installation, versatility of application, and astonishing strength are changing the way the construction industry sees the future.

The 3-D Panel "space frame" is exceptionally rigid and comprised of:

① Modified Expanded Polystyrene Core
② Two Outer Layers of 2" x 2" Welded Wire Mesh
③ Galvanized Truss Wires Pierce Core and Are Welded to the Outer Mesh Layers
④ Field-Applied Shotcrete

Developed by EVG of Austria and manufactured by ICS 3-D Panel Works, Inc., the 3-D Panels are produced to exacting tolerances using patented high-speed machinery. The Panels' light weight yields dramatic advantages in lower shipping costs, easy job-site handling, and rapid erection/installation.

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ICS 3-D PANEL SYSTEM

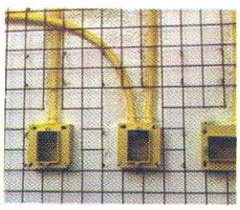
A System So Flexible, It Stretches The Imagination!

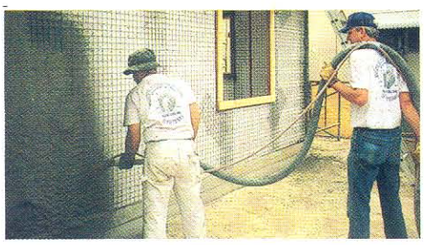
Time and Money. 3-D Panels Save Both.

Each 3-D Panel is lightweight (a typical 4'x8' panel weighs just 38lbs.), thus easily handled and installed. Walls can go up in hours, entire buildings, even multi-storied, in just weeks. And even with non-specialized labor.

Placed over slab-embedded steel dowels, 3-D Panels are fastened to one another and seams and corners are reinforced with wire mesh. Window and door openings are quickly cut to accomodate any type frame material. The space between the core and wire mesh allows for rapid placement and routing of electrical conduit and plumbing.

Field-applied, wet or dry shotcreting to the desired thickness produces a monolithic concrete structure that accepts any type of interior and exterior surface texture treatment.

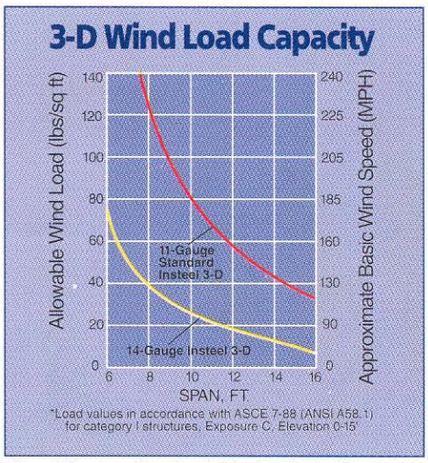




Tests. Man's and Mother Nature's.

In test after rigorous test, involving extraordinary forces and conditions, ICS 3-D Panels have excelled.**

Results of wind-load and load-bearing tests are startling, meaning that the ICS 3-D Panel System is adaptable to virtually any structural requirement or climatic/environmental/seismic condition.



Yet Mother Nature has provided the severest of tests. A home built with ICS 3-D Panels in Homestead, Florida survived the fury of Hurricane Andrew with no structural damage; a two-story research complex, built with 3-D Panels in the Mojave Desert, withstood California's worst earthquake in 40 years (6.9 Richter) with zero structural effects.

Code Compliance.

ICS 3-D Panels meet the CABO one and two-story family dwelling codes (Compliance Report No. NER-454, 1/1/93) which satisfies all SBCCI, ICBO and BOCA requirements for standard buildings. 3-D Panels also have HUD compliance, covered under SEB#1120.

Benefits For Everyone- Architects, Contractors, Owners.

Greater Design Flexibility- panels are 4' wide by any length (in 8" increments) and adapt easily to curved/arched design applications.

Reduced Heavy Equipment on Job Sites- handling/installation requires little equipment and reduces manpower needs.

Fewer Specialized Trades Required- the need for framing, masonry, insulation and drywall trades reduced or eliminated.

Simplified Utility Installation- easy routing of electrical conduit and plumbing.

Reduced Construction Time- it's not uncommon for a few workers to erect the shell of a 2,500 sq. ft. structure in less than a day.

Greater Structural Integrity- produces a continuously reinforced, insulated wall with extraordinary strength-to-weight ratios.

Earlier Completion=Earlier Occupancy- can mean a lower total capital investment and a quicker return on investment.

Excellent Thermal/Sound Barrier- modified expanded polystyrene core meets all VA, FHA and HUD thermal requirements; double shell configuration minimizes sound transmission.

Lower Maintenance Costs- a concrete structure minimizing long-term maintenance requirements.

Environmentally Intelligent- made from recycled steel; polystyrene core does not contain CFCs*; System does not deplete forestry products.

Limitless Applications.

The ICS 3-D Panel System is being used in construction projects of virtually every type around the world, including:

- Commercial Office Buildings
- Upscale Homes
- Manufacturing Facilities
- Nursing Homes
- Schools
- Fire Stations
- Correctional Facilities
- Low-Cost Housing Projects
- Sound Barrier Walls
- Fire/Privacy/Partition Walls
- Condominium Developments
- Municipal Structures

*The material used in the core of 3-D Panels contains no ozone-damaging chlorofluorocarbons (CFC's) either in the manufacturing process or end product; it is recyclable and may be safely incinerated.
**Full test results and data are available upon request.

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