The SISMO Building Technology

The SISMO module

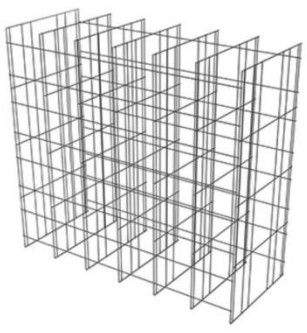
❖ About SISMO building construction I notice these following points in the video:-

- The basic structure of the SISMO building technology is three dimensioned module the SISMO module this module is made from galvanised steel wire lattice the infill panels which transform lattice into a close structure the infill material exposing isolation and shattering for the structural material
- Windows and doors are pre located in SISMO module .
- The infinit variablity of the SISMO lattice provides the construction method with virtually un limited possibility including curved walls .
- On the construction site the modules are joined together to create the wall that including windows and door opening the space between the two insulation strip is filled with concret
- The lattice in the opening function as support during the concrete filling when concrete is hard the lattice and the window and door opening is removed
- SISMO can be used for all building projects from single resedential unit to mass housing project wether it's a mansion or village, higher or low rise, an office block or industrial building
- The architect either uses software SISCAD or deliver tradition planning on paper or via computer data to SISMO , tradition design can be translated into SISMO building system
- Galvanise steel wire with a diameter of 2.2 mm transformed with 3D network
- Infill panells are inserted both on the out side and inside of the lattice
- Different infill material used such as expanded polystyrene , hardboard , and mineral wool
- The SISMO module are easy to handle to transport because of modules are light weight no heavy or expensive site material are needed they are joining together by an iron ring and temporally supported by special scapho lead
- The process is extermely fast making the SISMO construction system very compatible
- The space between the strip filled with concret
- With the same speed and efficiency floor after floor can be added in a minimum of time resulting in a building with maximum instablity insulation and creativity and compatible price

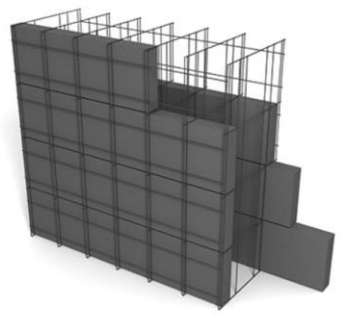
❖ Advantages of the SISMO building technology:-

1. Universal
2. Fire resistant
3. Fast building process
4. Durable
5. Efficient insulation
6. Certified quality
7. Environmentally friendly
8. Suitable for earthquake zone
9. Hurricane proof
10. Versatile
11. Cost efficient
12. Compatible
13. Inertia
14. light weight

THE LATTICE



THE INFILL PANELS



Prepared by:

Haji Tahir Barznji

Supervisor:

Prof.Dr. Husein Ali