

# Judah DUO® Exposed Grid Ceiling System

## Seismic Design Form

Date

Contractor Name

Project Name

Project Stage

### Building Data

Country  Location

Building Importance Level  2  3  4

Note: For USA, importance Level 5 buildings require a specific design. Contact your Judah Technical Representative for details.

Site Sub-Soil Class

- A/Ae (Strong Rock)
- B/Be (Rock)
- C/Ce (Shallow Soil - Most Conservative)
- D/De (Deep or Soft Soil)
- E/Ee (Very Soft Soil)

### Imposed Load

Ceiling Tile Weight  kg/m<sup>2</sup>

Insulation  kg/m<sup>2</sup>

Other  kg/m<sup>2</sup>

Total Lining Weight  kg/m<sup>2</sup>

### Service Load Data

Service Load [U]  kg/m<sup>2</sup>  
(min 3.0 kg/m<sup>2</sup>)

### DUO® Installation Details

- Grid Type (Refer to Page 2)
- A (DUO 1-2)
  - B (DUO 1-2)
  - C (DUO 1-2)
  - D (DUO 1-2)
  - E (DUO 1-2)
  - F (DUO 1-2)
  - G (DUO 1-2)
  - H (DUO 1-2)
  - J (DUO 1-2)

### Geometry Data

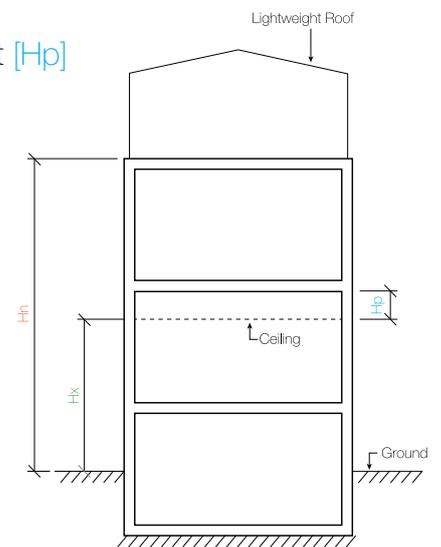
Total Height of Structure [Hn]  m

Height of Ceiling Above Base [Hx]  m

Ceiling Angle [α]  °

Max Plenum Height [Hp]

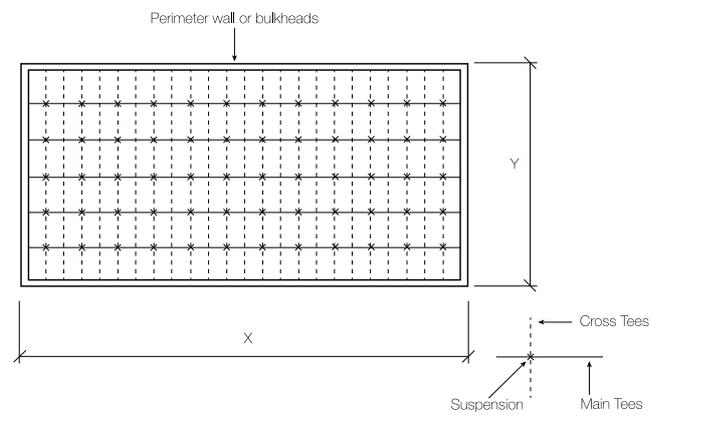
- 0.600m
- 1.000m
- 1.400m
- 1.800m
- 2.400m



### Room Dimensions

Width Parallel to Main-Tees [X]  m

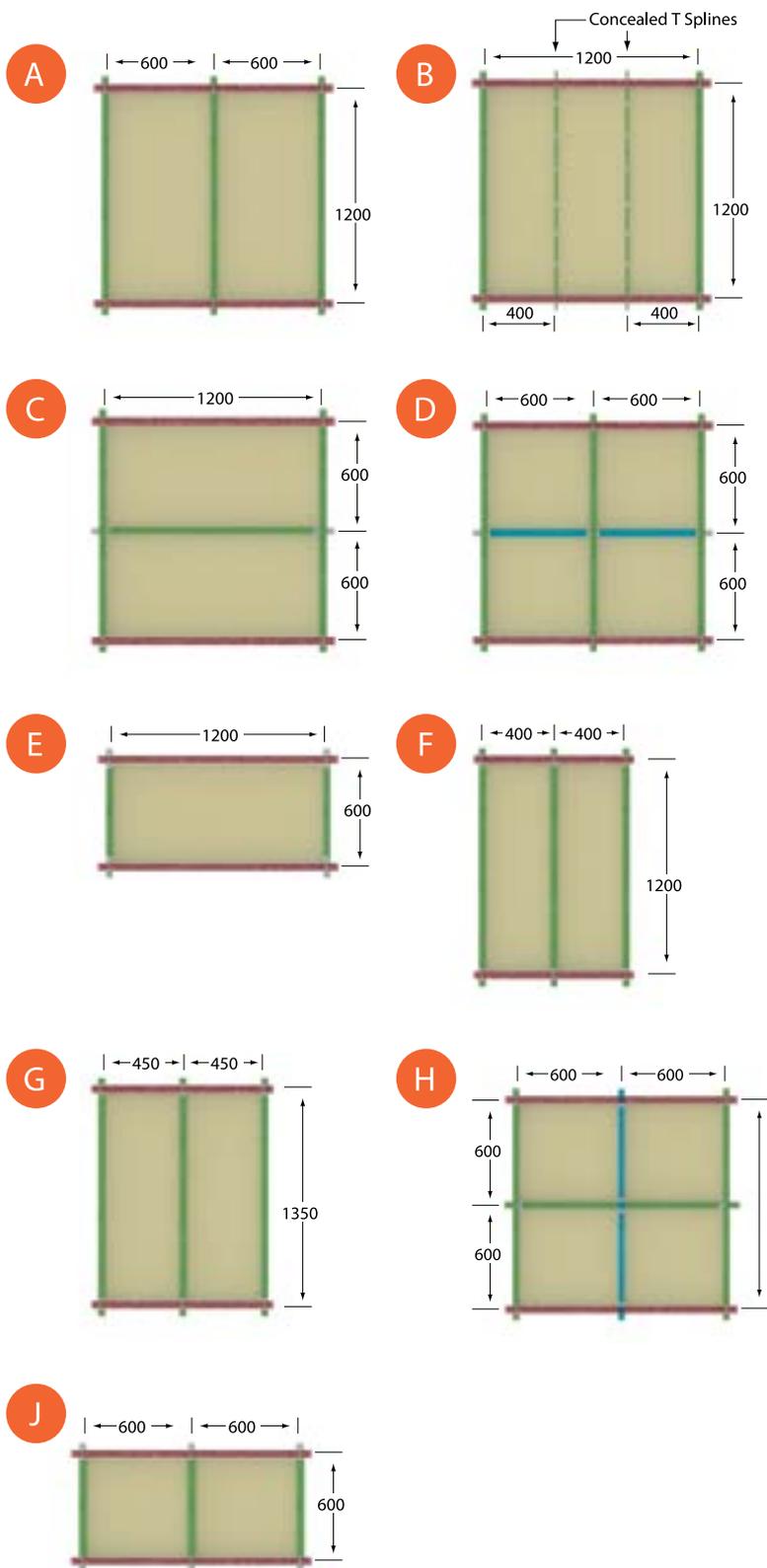
Width Parallel to Cross-Tees [Y]  m



[www.Judah-Steel.com](http://www.Judah-Steel.com)

Please email the completed form to your Judah Technical Representative or [info@judah-group.com](mailto:info@judah-group.com)

DUO® Grid Type



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