

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/m²

Insulation

kg/m²

Other

kg/m²

Total Lining Weight

kg/m²

Service Load Data

Service Load [U]

(min 3.0 kg/m²)

kg/m²

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]

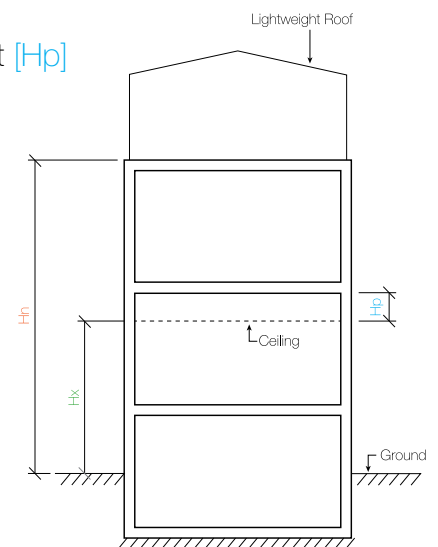
m

Ceiling Angle [α]

°

Max Plenum Height [Hp]

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



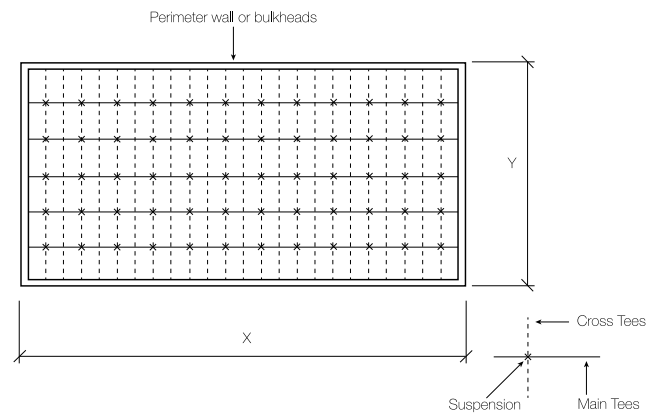
Room Dimensions

Width Parallel to Main-Tees [X]

m

Width Parallel to Cross-Tees [Y]

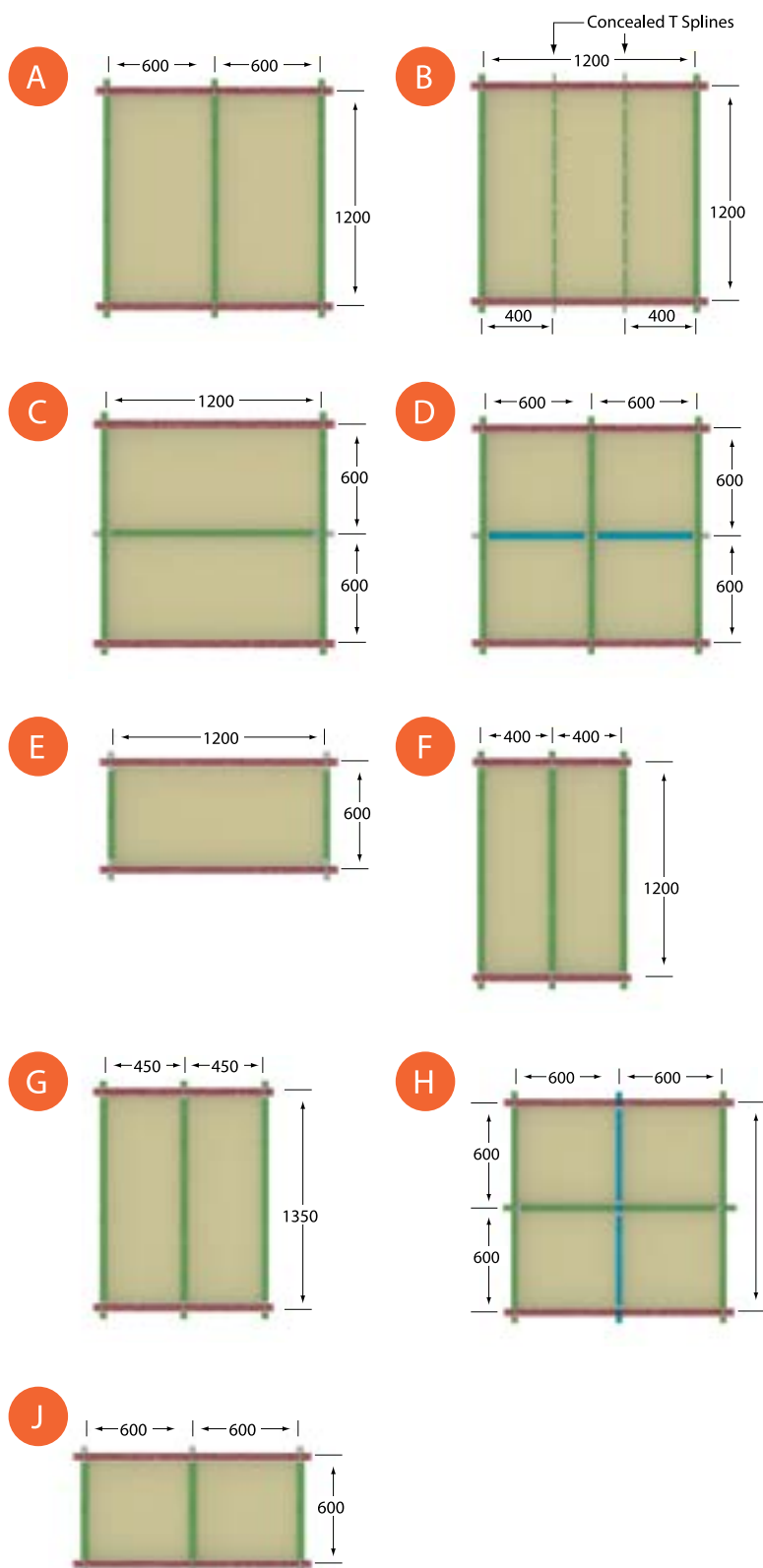
m



www.Judah-Steel.com

Please email the completed form to your Judah Technical Representative or info@judah-group.com

DUO® Grid Type



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