Rondo KEY-LOCK® Concealed Ceiling System Seismic Design Form

Date
Contractor Name
Project Name
Project Stage

Building Data

Country Location

Building Importance Level ○ 2 ○ 3 ○ 4

Note: For New Zealand, importance Level 5 buildings require a specific design. Contact your Rondo 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

Lining Type

Number of Layers ○ 1 ○ 2 ○ 3

Insulation kg/m²

Other kg/m²

Total Lining Weight kg/m²

Service Load Data

Service Load [U] kg/m²
(min 3.0 kg/m²)

KEY-LOCK® Installation Details

127 TCR Spacing [A] ○ 0.900m ○ 1.200m ○ 1.500m ○ 1.800m

129 FC Spacing [B] ○ 0.450m ○ 0.600m

127 TCR Span [C] ○ 0.900m ○ 1.200m ○ 1.500m

Geometry Data

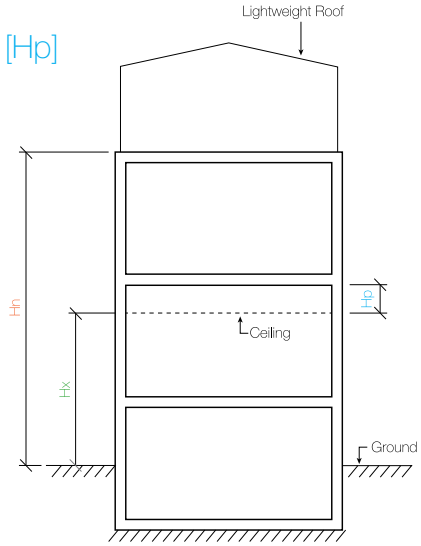
Total Height of Structure [Hn] m

Height of Ceiling Above Base) [Hx] m

Ceiling Angle [α] °

Max Plenum Height [Hp]

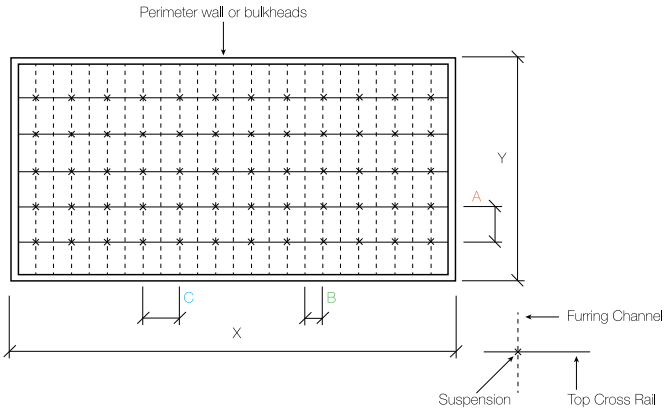
- ○ 0.600m
- ○ 1.000m
- ○ 1.400m
- ○ 1.800m
- ○ 2.400m



Room Dimensions

Width Parallel to TCRs [X] m

Width Parallel to 129 FCs [Y] m



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Please email the completed form to your Rondo Technical Representative or rondo@rondo.com.au

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