

DESIGN CRITERIA

1. Related Sections: See related Division 05 Design Criteria.
2. This Section specifies manufactured, open-web, K-series, KCS-type K-series, LH-series, DLH-series steel joists, and steel joist girders as defined by the Steel Joist Institute.
3. All steel joists shall be shop prime painted with a non-asphaltic primer. Do not allow the use of red oxide primers, as this will prohibit the possibility of finish painting as part of the current project or at some future date.
4. All steel joists exposed to customer areas shall be finish painted.
5. All steel joists exposed to the building exterior shall be hot-dipped galvanized before priming or shop primed with an anti-corrosion primer that prevents or inhibits corrosion or rusting of steel.
6. In accordance with the IBC, all projects are assigned to a Seismic Design Category. Where required by project location, add applicable requirements of the IBC and referenced codes and standards.
7. Testing and Inspection: Although the IBC requires special inspections be performed by special inspectors who are engaged by the owner or the design professional, this Section specifies the Contractor shall engage the special inspectors.

END OF SECTION