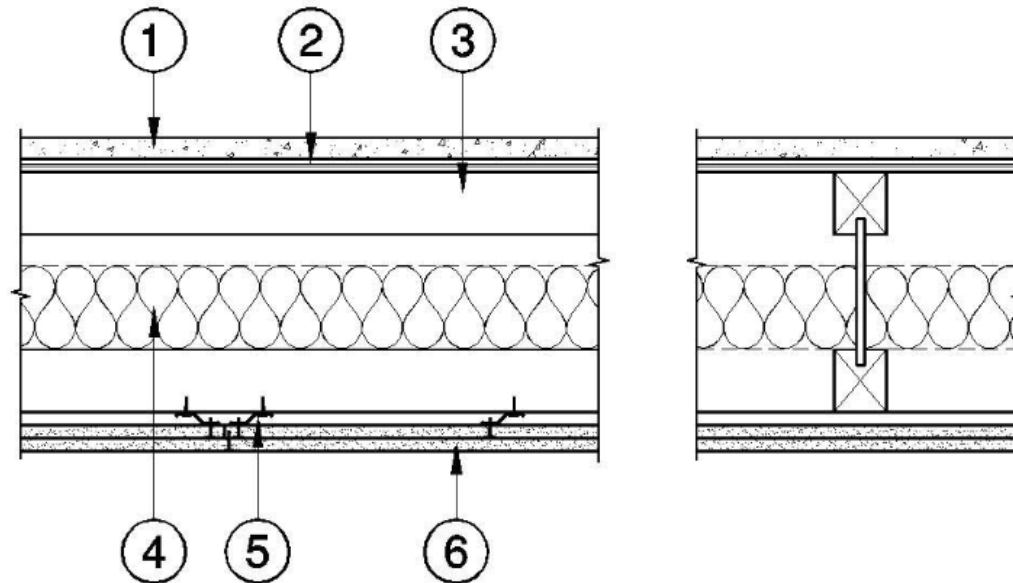


DESIGN NO. PWT/WIJ 60-02 (06 17 33)
 ASSEMBLY RATING: 60 MINUTES
 FLOOR/CEILING ASSEMBLY



1.	Topping (Optional): Lightweight concrete or proprietary topping.
2.	Sub-Flooring: Minimum 5/8" plywood or oriented strandboard (OSB). Sub-flooring installed perpendicular to joists, with end joints staggered, fastened in accordance with Code requirements.
3.	Structural Members: Pacific Woodtech Corporation PWI Series I-joists having a minimum depth of 9-1/2", installed at 24" oc maximum.
4.	Insulation (Optional): Maximum 3-1/2" fiberglass batt insulation, friction fit between flanges or webs.
5.	Resilient Channels: Minimum 25 gauge galvanized steel channels installed perpendicular to joists and spaced 16" oc maximum. Additional channels required at gypsum wallboard end joints such that each board end rests on its own channel. These additional channels shall extend to the next joist on each side of the board edges. Channels fastened with 1-5/8" long Type W screws at each joist intersection.
6.	Gypsum Board: Two layers of 1/2" Type X gypsum wallboard. Base layer to be installed with long dimensions perpendicular to supports with end joints butted over supports and staggered 24" minimum. 1-1/8" Type S screws are spaced 12" oc at the joints and in the field. Face layer installed with long dimension perpendicular to supports and edges, staggered 24" from base layer end joints. 1-5/8" Type S screws are placed minimum 12" oc on intermediate supports, 1-1/2" Type W screws 8" oc at butt joints.

- ▶ DESIGN NO. PWT/WIJ 60-03 (06 17 33)
- ▶ DESIGN NO. PWT/WIJ 60-04 (06 17 33)
- ▶ DESIGN NO. PWT/WIJ 120-01 (06 17 33)

Design listings are based on, and supported by, proprietary test reports. The test reports further define proprietary design details which make these listings applicable only to the specified products manufactured by the listed manufacturer.

Unless otherwise noted, the assemblies in this section have been evaluated for conformance to the following standards:

- ASTM-E119, Standard Methods of Fire Tests of Building Construction & Material
- CAN/ULC-S101, Standard Methods of Fire Endurance Tests of Building Construction & Materials
- NFPA-251, Fire Tests of Building Construction & Materials
- UBC-7-1 (formerly 43-1), Uniform Building Code Standard - Fire Tests of Building Construction Materials
- UL-263, Fire Tests of Building Construction & Materials.

Designs listed are minimum construction requirements to achieve fire ratings. Specifiers should obtain detailed specifications for the listed assemblies from the manufacturer of the listed components.