

### **WHR SPECIFICATION**

Ceiling Hangers shall be fail safe and consist of opposed washers sandwiching an AASHTO Bridge Bearing Quality LDS Rubber Element 1-1/8" thick. Dynamic Stiffness shall not exceed 1.4" nor the corrected frequency 12 Hz. Connections shall be made with 12 gauge wire top and bottom passing through hairpin loops attached to the opposing washers. Ceiling Hangers shall be Mason Industries type WHR. Submittals shall confirm AASHTO Quality and Dynamic Stiffness in addition to frequency.

### **HDCC, WHD or WHDCC SPECIFICATION**

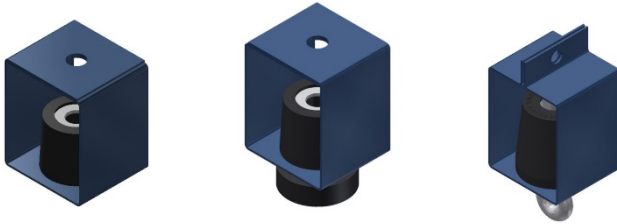
Ceiling Hangers shall be fail safe and include a steel frame containing an AASHTO Bridge Bearing Quality LDS Rubber Element molded with an integral lock in grommet at the bottom to prevent steel rod to housing contact. Dynamic Stiffness shall not exceed 1.4 or the corrected frequency 8 Hz. Housing configurations shall be offered to accommodate bolting to structure and simple attachment to 1-1/2" x 1/2" channel, 12 gauge wire top and bottom or 12 gauge wire on top and 1-1/2" x 1/2" channel on the bottom. Ceiling hangers shall be Mason Industries type HDCC, WHD or WHDCC as required. Submittals shall confirm AASHTO Quality and Dynamic Stiffness in addition to frequency.

### **NEOPRENE HANGERS**

To complete an envelope, secondary walls must be introduced with the same consideration given to mass and air gap as covered in the floor discussion. The problem is simpler, because the walls normally support only their own weight and they need not have the structural strength of the floor. Poured concrete or concrete block walls should approach the floor density. It is most important that block joints are properly filled with mortar and painting the walls so the construction is more nearly airtight helps.

The best approach is resting these walls on the perimeter of the floating floor so the floor isolation system serves the walls as well. If this is not possible, the second choice is

supporting the isolated wall on the structural slab with continuous LDS pads, and providing a caulked fiberglass seal between the floating floor and the wall as described for the perimeter in the previous specifications.



**HD RWHD WHD**

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