

6.4 kg/m³.

.4 Reflector strips shall be 70 mm x 75 mm on metal backing.

PART 3 - EXECUTION

3.1 Erection

- .1 Install posts plumb at locations and to depths indicated or directed by Departmental Representative.
- .2 When excavation is required, auger post holes and compact bottom to provide firm foundation. Set post plumb and square in hole, backfill in 150 mm layers and compact each layer before placing succeeding layer.
- .3 Cut off tops of posts to elevations indicated.
- .4 Treat cut tops with two coats of same type of wood preservative used to pressure treat posts.
- .5 Erect steel W-beam components to details indicated. Lap joints in direction of traffic. Tighten nuts to 100 N.m torque. Maximum protrusion of bolt 6 mm beyond nut.
- .6 Once the W-beam rail is properly installed, new reflective strips shall be placed immediately on every third post on curves and on each end post, and every fifth post on tangent or straight run.
 - .1 White reflector shall be placed facing the approaching traffic in the immediately adjacent driving lane and yellow reflector on the opposite side of the same post facing traffic in the other direction.

3.2 Touch-up

- .1 Clean damaged surfaces with brush removing loose and cracked coatings. Apply two coats of organic zinc-rich paint to damaged areas in accordance with manufacturer's instructions.