



DATASHEET

BUILDING/PAVEMENT SETTLEMENT POINTS

MODEL EBS-16/EPS-12



OVERVIEW

Encardio-rite model EBS-16 Series building settlement points are used extensively for measurement of vertical settlement of any concrete/rock structure or building affected by nearby excavation and construction activities.

Encardio-rite model EPS-12 settlement point is used to monitor vertical settlement of a pavement or road. It is suitable for applications where the top layer of the road is asphalt.

FEATURES

- Rugged & low cost
- Compact construction
- Ease in installation and removal

APPLICATION

- Measurement of vertical settlement of a structure, building, pavement or road.



DESCRIPTION

EBS-16 building settlement point

Model EBS-16 consists of a spherical reference locator with threaded bolt. The reference locator is fixed on a vertical wall or a structure to monitor settlement of structure/building.

The settlement point is pushed inside the epoxy (Hilti HY50/HY150 or equivalent) filled hole, using a rotary action, till it is around 54 mm outside the wall surface (see adjacent figure). A slot has been provided on the threaded portion of the reference locator to prevent it from being screwed out.

Extra packing and freight cost is applicable on transportation of epoxy by air. The epoxy may therefore be directly procured at user's end from any local supplier.

EPS-12 pavement settlement point

Model EPS-12 pavement settlement point consists of a plastic tapered disc and a special retaining nail. It is suitable for use on a concrete surface, tiles or asphalt road.

Initial settlement reading for EBS-16 or EPS-12 is taken with a digital tilt meter and leveling staff.

To determine settlement, subsequent readings are compared with initial reading as reference.

