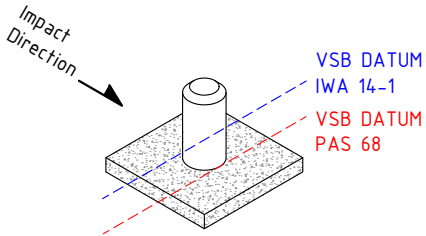
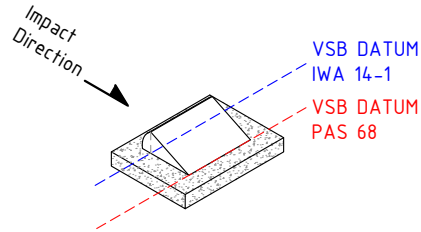


## Vehicle security barrier rating methods PAS 68 vs IWA 14-1

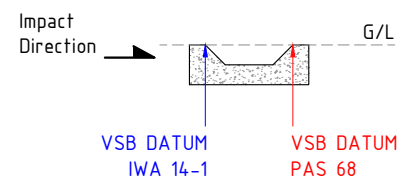
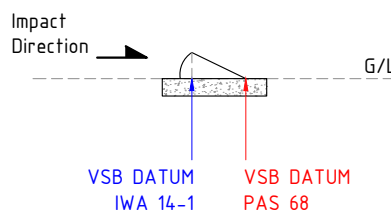
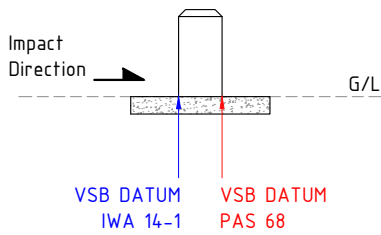
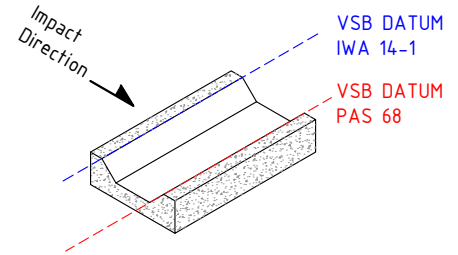
a) Bollard



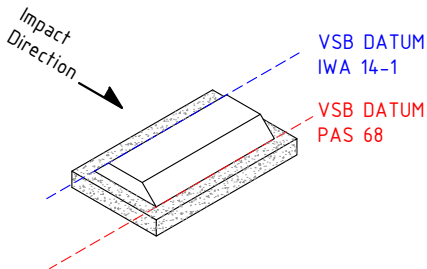
b) Road Blocker



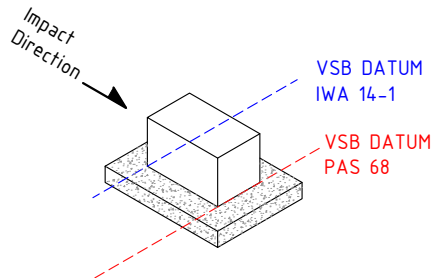
c) Ditch



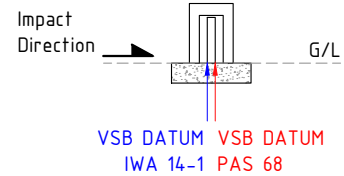
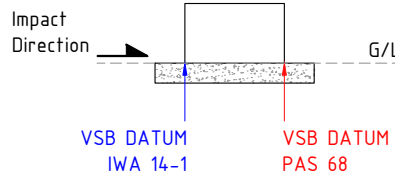
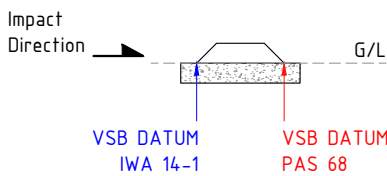
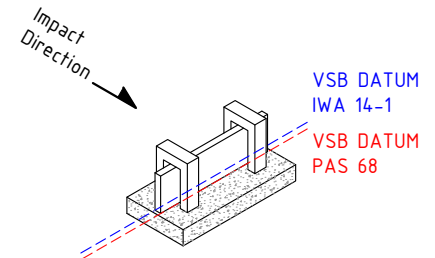
d) Bund / Beam



e) Planter, Wall, Balustrade



f) Gate Barrier, Rising/Swing Arm Barrier



PAS 68 tests regard the VSB datum line from the back face of the VSB test subject indicated in red.

IWA 14-1 regards the VSB datum line from the front of the VSB test subject indicated in blue.

From the above diagrams, it is interesting to note that for examples such as a (e) Balustrade, or (f) Gate Barrier, where the cross section of the VSB subject stays uniform throughout the length of the subject, the comparison would be similar, however, when you compare subjects like (b) Road Blocker, where the cross section of the VSB subject is not consistent, IWA 14-1 testing would provide a fairer comparison between different VSB subjects