

A RAIL TRACK TIE

A B S T R A C T

The rail track tie (8) comprises:

5 • a rigid block (9) presenting a bottom face, and a
top face for receiving at least one longitudinal rail
(4);

 • a cover (20) for receiving the rigid block (9) and
in the form of a rigid shell comprising a bottom (48) and
a peripheral rim (50) around the bottom (48); and

10 • a resilient soleplate (22) disposed between the
bottom face of the rigid block (9) and the bottom (48) of
the cover (20).

 The resilient soleplate (22) has dynamic stiffness
k₂ lying in the range 6 kN/mm to 10 kN/mm, and preferably
15 in the range 6 kN/mm to 8 kN/mm.

Figure 1