

DIN EN 13481-5:2007-06 (E)

Railway applications - Track - Performance requirements for fastening systems - Part 5: Fastening systems for slab track (includes Amendment A1:2006)

Contents		Page
Introduction		4
1	Scope	4
2	Normative references	5
3	Terms and definitions	5
4	Symbols	5
5	Requirements	6
5.1	Longitudinal rail restraint	6
5.2	Effect of repeated loading	7
5.3	Electrical resistance of the fastening system and slab track elements	8
5.4	Effect of exposure to severe environmental conditions	8
5.5	Dimensions	8
5.6	Effect of fastening system tolerances on track gauge	9
5.7	Cast-in fastening components	10
5.8	In-service testing	10
6	Test specimens	10
7	Classification	10
8	Fitness for purpose	10
9	Marking, labelling and packaging	10
Annex A (normative) Determination of dynamic stiffness of rail pads		11
A.1	General	11
A.2	Pads used for continuous support	11
Annex B (normative) Determination of dynamic stiffness of resilient fastening assemblies		12
B.1	General	12
B.2	Terms and definitions	12
B.3	Symbols	12
B.4	Principle	12
B.5	Apparatus	12
B.5.1	Controlled temperature test area	12
B.5.2	Actuator	12
B.5.3	Displacement measuring instruments	13
B.5.4	Force measuring instruments	13
B.5.5	Recording equipment	13
B.6	Procedure	13
B.7	Test report	13
Annex ZA (informative) Clauses of this European Standard addressing essential requirements or other provisions of EU Directives		15
Bibliography		17