

ISO 14788:2017-11 (E)

Steel sheet, zinc-5 % aluminium alloy-coated by the continuous hot-dip process, of commercial, drawing and structural qualities

Contents		Page
Foreword		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Dimensions	3
5	Conditions of manufacture	3
5.1	Steelmaking	3
5.2	Chemical composition	3
5.3	Chemical analysis	3
5.3.1	Heat analysis	3
5.3.2	Product analysis	4
5.4	Mechanical properties	5
5.4.1	Commercial and drawing quality	5
5.4.2	Structural quality	6
5.5	Coating	7
5.5.1	Coating mass	7
5.5.2	Coating adherence	7
5.6	Weldability	9
5.7	Painting	9
5.8	Coating finish condition	9
5.9	Surface treatment	9
5.9.1	Mill passivation	9
5.9.2	Oiling	10
5.10	Coated coil joining	10
5.11	Dimensional and shape tolerances	10
6	Sampling	10
6.1	Tensile test	10
6.2	Coating tests	10
6.2.1	Coating mass	10
6.2.2	Triple-spot test	10
6.2.3	Single-spot test	10
6.2.4	Coating adherence	11
7	Test methods	11
7.1	Tensile tests	11
7.2	Coating properties	11
7.2.1	Coating mass	11
7.2.2	Coating adherence	11
8	Designation system	11
8.1	General	11
8.2	Coating designation	11
8.3	Coating mass	12
8.4	Coating finish condition	12
8.5	Surface treatment	12

8.6	Base-metal quality	12
8.7	Examples	13
9	Retests	13
9.1	Machining and flaws	13
9.2	Elongation	14
9.3	Additional tests	14
10	Resubmission	14
11	Workmanship	14
12	Inspection and acceptance	14
13	Coil size	14
14	Marking	15
15	Information to be supplied by the purchaser	15
Annex A (normative) Orders requiring base-metal thickness		17
Bibliography		19