

DIN EN 13071-1:2008-10 (E)

Stationary waste containers up to 5 000 l, top lifted and bottom emptied - Part 1: General requirements

Contents		Page
Foreword		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	General requirements	6
4.1	Design	6
4.2	Filling aperture height	7
4.3	Total height	7
4.4	External surfaces/edges	7
4.5	Lifting connection position	7
4.6	Total permissible mass	7
4.7	Total usable volume	7
4.8	Waste spillage	7
5	Test conditions	7
5.1	General	7
5.2	Temperature requirements	7
5.3	Waste density	8
6	Test methods	8
6.1	General	8
6.2	Test methods on empty containers	8
6.2.1	Stability test	8
6.2.2	Resistance to interior impacts	8
6.2.3	Free fall test	11
6.2.4	Resistance of the roof	12
6.3	Tests methods on loaded containers	12
6.3.1	Resistance to exterior impacts	12
6.3.2	Emptying device/Locking system	14
6.3.3	Mechanical resistance of the lifting components	15
6.4	Measurement of the sound level emitted by falling glass inside the containers	16
6.5	Corrosion	16
6.6	Weathering (for thermoplastics only)	16
6.6.1	Requirement	16
6.6.2	Procedure	16
6.7	Sequence of tests	16
7	Data sheet	17
8	Marking	17
9	Test report	18
Annex A (normative) Weathering tests		19
Bibliography		20

Figures	Figure 1 -- Description of the guiding tube and position 1 according to the slope of the filling aperture	10
	Figure 2 -- Slant of positions 2 and 5 in relation to position 1	11
	Figure 3 -- Exterior impact test using the incline plan (informative)	13
	Figure 4 -- Determination of lateral impact directions according to the shapes of the containers	14
Tables	Table 1 -- Sequence of the tests	17