

ISO 1496-5:1991-12 (E)

Series 1 freight containers; specification and testing; part 5: platform and platform-based containers

Contents		Page
1	Scope	1
2	Normative references	1
3	Definitions	1
4	Dimensions and ratings	2
4.1	External dimensions	2
4.2	Internal dimensions	2
4.3	Ratings	2
5	Design requirements	2
5.1	General	2
5.2	Interlocked pile of folded Containers	3
5.3	Corner fittings	3
5.4	Base structure	3
5.5	End structure (platform-based Containers only)	4
5.6	Side structure (platform-based Containers only)	4
5.7	Walls and securing devices	4
5.8	Door openings	4
5.9	Requirements — Optional features	4
6	Testing	5
6.1	General	5
6.2	Test No. 1 — Stacking	5
6.3	Test No. 2 — Lifting from the four top corner fittings	6
6.4	Test No. 3 — Lifting from the four bottom corner fittings	7
6.5	Test No. 4 — External restraint (longitudinal)	7
6.6	Test No. 5 — Strength of end walls (where provided)	7
6.7	Test No. 7 — Strength of the roof (where provided)	8
6.8	Test No. 8 — Floor strength	8
6.9	Test No. 9 — Rigidity (transverse) (not applicable to platform Containers)	8
6.10	Test No. 10 — Rigidity (longitudinal) (not applicable to platform Containers)	9
6.11	Test No. 11 — Lifting from fork-lift pockets (where provided)	9
6.12	Test No. 12 — Lifting from the base at grappler-arm positions (where provided)	10
6.13	Test No. 13 — Waterproofness (where appropriate)	10
7	Testing of platform-based Containers with incomplete superstructure in the folded condition (type codes 63 and 64 only) and of an interlocked pile of such Containers	10
7.1	General	10
7.2	Test No. 14 — Stacking (type codes 63 and 64 only)	10
7.3	Test No. 15 — Lifting of an interlocked pile by the top	11
Annexes		
A	Diagrammatic representation of capabilities of platform and platform-based Containers	12
B	Details of requirements for load-transfer areas in base structures of Containers	22
C	Dimensions of fork-lift pockets (where provided)	28
D	Dimensions of grappler-arm lifting areas (where provided)	29

E Dimensions of gooseneck tunnels (where provided).....	31
F Cargo-securing systems for platform and platform-based Containers.....	32
F.1 General	32
F.2 Design requirements.....	32
F.3 Testing	33
G Dimensions of existing 1CC, IC and 1CX platform-based Containers (type codes 61 to 64) for the carriage of small intermodal Containers.....	34
H Bibliography	35