

DIN EN ISO 8611-2:2025-06 (E)

Pallets for materials handling - Flat pallets - Part 2: Performance requirements and selection of tests (ISO 8611-2:2025)

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Test conditions	2
4.1 General.....	2
4.2 Wooden pallets.....	3
4.3 Metal pallets.....	3
4.4 Plastic pallets.....	3
4.5 Paper pallets.....	3
4.6 Wood-based composite pallets.....	3
5 Number of replicates	3
6 Performance requirements	4
7 Selection of the tests	6
7.1 Intended use.....	6
7.2 Handling of goods with racking and stacking.....	7
7.3 Handling of goods with stacking without racking.....	7
7.4 Handling of goods without racking or stacking.....	7
7.5 Special applications.....	7
7.5.1 General.....	7
7.5.2 Automatic handling or conveyors.....	8
7.5.3 Lifting with slings.....	8
7.5.4 Resistance to impact.....	8
7.5.5 Friction tests.....	8
8 Test load — Nominal load	8
8.1 Strength tests.....	8
8.2 Ultimate load, <i>U</i>	8
8.3 Stiffness tests.....	8
8.4 Nominal load.....	8
9 Duration for static stiffness tests	9
10 Number of impacts for dynamic tests	9
11 Test report	9
Annex A (informative) Plots of typical force versus deformation from pallet tests showing the deformation of ultimate load, <i>U</i>	10
Bibliography	12