

DIN EN ISO 8611-2:2016-08 (E)

Pallets for materials handling - Flat pallets - Part 2: Performance requirements and selection of tests (ISO 8611-2:2011 + Amd 1:2016) (includes Amendment A1:2016)

Contents	Page
Foreword	3
☐A1 European foreword ☐A1	4
Introduction	5
1 Scope	7
2 Normative references	7
3 Terms and definitions	7
4 Test conditions	9
4.1 General	9
4.2 Wooden pallets	9
4.3 Metal pallets	9
4.4 Plastic pallets	9
4.5 Paper pallets	9
4.6 Wood-based composite pallets	10
5 Number of replicates	10
6 Performance requirements	10
7 Selection of the tests	15
7.1 Intended use	15
7.2 Handling of goods with racking and stacking	16
7.3 Handling of goods with stacking without racking	16
7.4 Handling of goods without racking or stacking	16
7.5 Special applications	16
7.5.1 General	16
7.5.2 Automatic handling or conveyors	16
7.5.3 Lifting with slings	16
7.5.4 Resistance to impact	16
7.5.5 Friction tests	16
8 Test load — Nominal load	16
8.1 Strength tests	16
8.2 Ultimate load, <i>U</i>	17
8.3 Stiffness tests	17
8.4 Nominal load	17
9 Duration for static stiffness tests	17
10 Number of impacts for dynamic tests	18
11 Test report	18
Annex A (informative) Plots of typical force versus deformation from pallet tests showing the deformation of ultimate load, <i>U</i>	19
Bibliography	21

7.4	Handling of goods without racking or stacking	16
7.5	Special applications	16
7.5.1	General	16
7.5.2	Automatic handling or conveyors	16
7.5.3	Lifting with slings	16
7.5.4	Resistance to impact	16
7.5.5	Friction tests	16
8	Test load -- Nominal load	16
8.1	Strength tests	16
8.2	Ultimate load, U	17
8.3	Stiffness tests	17
8.4	Nominal load	17
9	Duration for static stiffness tests	17
10	Number of impacts for dynamic tests	18
11	Test report	18
	(informative) Plots of typical force versus deformation from pallet tests showingAnnex A the deformation of ultimate load, U	19
	Bibliography	21