



Container Optimized Wood Pallet L1108 and L1110
1140 x 790 / 980 x 140 mm

Doc. Type	T S T		
Doc. Num.	N 098 02.01		
Doc. Part	001	Doc. Ver.	00
Date:	2014-09-29	Page 1 of 5	

CONTENTS

Changes	2
Previous Editions	2
1 SCOPE	2
2 REFERENCES	2
3 SPECIFICATION	3
3.1 Technical Specification and Drawing of Pallet LT1108	4
3.2 Technical Specification and Drawing of Pallet LT1110	5

Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet. Zuwiderhandlungen verpflichten zu Schadenersatz. Alle Rechte für den Fall der Patent-, Gebrauchsmuster- oder Geschmacksmustereintragung vorbehalten.

The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited. Offenders will be held liable for the payment of damages. All rights reserved in the event of the grant of a patent, utility model or design.

No guarantee can be given in respect of the translation. In all cases the latest English-Language version of this standard shall be taken as authoritative.

MITTEILUNG NR.
NOTE NO.

ERSTELLT DURCH
CREATED BY

GENEHMIGT VON
APPROVED BY

FREIGEgeben VON
RELEASED BY

© Continental AG. 2014

FRB-14133336

SCMA – CTP
Team

SCMA
J.Braunstetter

QPS
U.Czerwon

Changes

none

Previous Editions

none

1 SCOPE

Due to growing globalization, it is necessary to use expendable packaging with standardized specification (dimension, quality, design), optimized regarding the whole material flow within the complete supply chain, e.g. dimension of the overseas container.

This norm is an extract of a specification we worked out together with the VDA 4525 (German association of automotive industry) with car manufacturers and 1Tier suppliers worldwide.

This norm is valid for all Continental Automotive Division, plants, BUs.

2 REFERENCES

- TST N 098 00.01 000 Packaging - Definition, Process, Requirements
- TST N 098 05.01 001 Expendable Packaging (formerly Appendix A04)
- VDA 4525 Standardized expendable packaging for sea container applications
- VDA 4525, App. 1 and 2 Standardized expendable packaging for sea container applications - Annex_A1-4-system-elements
- EN ISO 8611-1 Pallets for materials handling - Flat pallets / Paletten für den Gütertransport – Flachpaletten
- ISPM No. 15 / IPPC International Standard for Phytosanitary Measures - – Regulation of wood packaging material in international trade / International Plant Protection Convention (official web-side: IPPC)

3 SPECIFICATION

Expendable 4-way flat block wood pallet

Designation

CA part-no

Pallet LT 1108
Pallet LT 1110

98-4525-0108-0-00
98-4525-0110-0-00

pallet EX wood 4W 1140x790 IPPC
pallet EX wood 4W 1140x980 IPPC

LT-Typ	Module	Code	System element	Nominal dimension [mm]			External dimension [mm]			Load capacity	
				l	w	h	l	w	h	max. load per pallet ¹⁾ [kg]	max. superimposed load during stacking ²⁾ [kg]
Pallet		LT-1108	Expendable flat pallet 1.140*790	1.140	790	140	1.140	790	134	500	2.000
		LT-1110	Expendable flat pallet 1.140*980	1.140	980	140	1.140	980	134	500	2.000

1) with surface loading (if evenly loaded)! Suitable for high rack storage

2) with surface loading (if evenly loaded)!

The requirements are:

Material:

- Solid wood
- Required max. loading capacity has to be achieved.
- The import- and export-regulations of the involved countries have to be considered (IPPC, ISPM No. 15).

Design:

- Four-way-free-entry block-pallet, with three skids, min. width of skids 90mm
- Usage of a „Full Perimeter Pallet“ has to be agreed by the receiving plant, because these pallets cannot be handled with a manual pallet jack.
- Usage of moulded presswood pallets is not acceptable.

Load capacity:

- Capacity min. 500kg per pallet, if evenly loaded
- Capacity statically stacked min. 2000kg per pallet, if evenly loaded
- Suitable for storage in a high rack min. 500kg

Tests:

- Tests of pallets have to be done according to EN ISO 8611-1.
- For tests of stiffness a safety factor of 2 has to be met.

3.1 Technical Details and Drawing of Pallet LT1108

LT-1108

Nach IPPC-Standard
Verwendetes Holz muss völlig frei sein von Baumrinde und Bohrlöchern
Used wood must be free of bark and drillholes

Bei Bedarf technische Trocknung (18-22% Holzfeuchte)
technical drying, if required (18-22% moisture content)

An 2 gegenüberliegenden Klötzen weiß gekennzeichnet
marked white on 2 opposite blocks

Angebene Maße sind Fertigmaße, und dürfen auch nach technischer Trocknung nicht unterschritten werden.
given dimensions are final dimensions and must not be below, even after technical drying

IPPC Kennzeichnung auf zwei gegenüberliegenden Seiten
IPPC marking on two opposite sides

5	3	Deckbrett/boards top	1140x78x18
4	3	Bodenbrett/boards cross	1140x90x18
3	9	Klotz/block	90x90x78
2	3	Querbrett/boards cross	790x90x18
1	2	Deckbrett/boards top	1140x90x18

Lfd.Nr. Stück
Oberfläche

ISO E Holzstab
Stoff/

Gewicht

Nadel- oder Laubholz
Güteklasse II/III / S7 nach DIN 4074-1
softwood or hardwood
surface rough sawn and sharp arrises

Unterfahöhe min. 92-0
forklift space min. 92-0

block made of solid wood, alternatively of derived timber (DIN 15147, gross density min 580kg/m³, tack according to DIN68800-2, derived timber class 100)

block made of solid wood, alternatively of derived timber (DIN 15147, gross density min 580kg/m³, tack according to DIN68800-2, derived timber class 100)

von oben Klotzverbindung block connection top down	Anzahl und Art der Nägel Ring- Schraubnägelscrew nails	9 x 2	Nagellänge min.80mm	Nageldicke 3,4mm	Fehl. Angaben/ i. Verwendung/
Verbindung Deck-Querbohrer crossboards von unten	Nietnägelscrew nails	6 x 2	40 mm	2,5mm	
Klotzverbindung block connection from bottom up	Ring- Schraubnägelscrew nails	9 x 2	min.55mm	2,8mm	

Gr. St.
gr./ 27.11.08
Name/
gr./
Drig Original:
DIN A3
CAB

Einweg-Vierwege-Palette
non-returnable four-way-entry pallet

Nr./
VDA
LT-1108
Blatt
1
131/

Frz. f./
Frz. s./

© Alle Rechte bei Robert Bach GmbH, auch für den Fall von Schutzrechtsverletzungen, jede Vervielfältigung, wie Kopieren und Weitergeben, ist untersagt.

Weitere freigelegte Zeichnungen

Doc. Type		T S T	
Doc. Num.		N 098 02.01	
Doc. Part	001	Doc. Ver.	00
Date:	2014-09-29	Page 5 of 5	

3.2 Technical Details and Drawing of Pallet LT1110

LT-1110

Nach IPPC-Standard
Verwendetes Holz muss völlig frei sein von Baumrinde und Bohrlöchern
Used wood must be free of bark and drillholes

Bei Bedarf technische Trocknung (18-22% Holzfeuchte) technical drying, if required (18-22% moisture content)

An 2 gegenüberliegenden Klötzen weiß gekennzeichnet marked white on 2 opposite blocks

Angegebene Maße sind Fertigungs- und dürfen auch nach technischer Trocknung nicht unterschritten werden. given dimensions are final dimensions and must not be below, even after technical drying

IPPC Kennzeichnung auf zwei gegenüberliegenden Seiten
IPPC marking on two opposite sides

5	3	Deckbrett/boards top	1140x78x18
4	3	Bodenbrett/boards cross	1140x90x18
3	9	Klotz/block	90x90x78
2	3	Querbrett/ boards cross	980x90x18
1	2	Deckbrett/boards top	1140x90x18

Klotz aus Vollholz, alternativ aus Pressspan (Rohdichte min 580kg/m³, Verleimung nach DIN 15147, entsprechend Holzwerkstoffklasse 100, gemäß DIN 68800-2 block made of solid wood, alternatively of derived timber (DIN 15147, gross density min 580kg/m³, tack according to DIN68800-2, derived timber class 100)

von oben Klötzverbindung top-down von unten Klötzverbindung from bottom-up	Ring-/Schraubnägel screw nails	9 x 2	Ring-/Schraubnägel screw nails	6 x 2	Ring-/Schraubnägel screw nails	9 x 2
Deck-Querbretter connection top-down	Nietnägeln hangnails					
Nagellänge		min.80mm		40 mm		min.55mm
Nageldicke		3,4mm		2,5mm		2,8mm
FEHL-ANGABEN/MISSING INFORMATION:						
Stückliste, besonderes Blatt/ BOM list, special sheet						