



Automotive Industry Action Group

RC-12

Intercontinental Pallet Standard

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Founded in 1982, AIAG is a globally recognized organization where OEMs and suppliers unite to address and resolve issues affecting the worldwide automotive supply chain. AIAG's goals are to reduce cost and complexity through collaboration; improve product quality, health, safety, and the environment; and optimize speed to market throughout the supply chain.

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RC-12

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Version 1 Issued 11/2010



FOREWORD

As an alternative to RC-8, this document was created as a World-wide standard for disposable and re-usable packaging with a goal of maximizing efficiency and reducing cost by minimizing the number of regional and international standard pallet sizes in use. 45x48" pallets are peculiar to North America and are not effective elsewhere. The growing international trade requires pallets, cartons, totes, etc., that fit both supplier and customer facilities world-wide. Another goal is to have these items fit trucks, sea containers and rail cars everywhere, but especially cube out most efficiently in sea containers, as this has the largest effect on the cost of intercontinental transportation.

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RC-12

Intercontinental Pallet Standard
Version 1 Issued 11/2010



TABLE OF CONTENTS

ABOUT AIAG 1

FOREWORD 2

ACKNOWLEDGEMENTS 3

TABLE OF CONTENTS..... 4

INTRODUCTION 5

1 PALLETS, CARTONS AND BULK CONTAINERS 6

 1.1 PALLETS6

2 HANDLING CHARACTERISTICS 11

 2.1 FORKLIFT COMPATIBILITY11

 2.2 STACKABILITY.....11

 2.3 CONVEYOR SYSTEMS COMPATIBILITY11

 2.4 RACK ABILITY11

3 MATERIAL AND ENVIRONMENTAL CONSIDERATIONS..... 12

4 DEFINITIONS 13

5 REFERENCES 14

Tables

TABLE 1: STYLE PROS AND CONS10

Figures

FIGURE 1: IC1 PALLET7

FIGURE 2: IC2 PALLET8

FIGURE 3: IC3 PALLET9

INTRODUCTION

This standard covers the standard pallet footprint for intercontinental transport.

This document will specify the foot print and include recommended pallet styles.

The word SHALL is a requirement, the word SHOULD is a recommendation.

It is understood that the parts and package must arrive in a satisfactory condition at the usage point.

The value for the “unit-of-measure” used in this document will be in millimeters (mm).

RC-12

Intercontinental Pallet Standard

Version 1 Issued 11/2010



1 PALLETS, CARTONS AND BULK CONTAINERS

The pallet size is predicated on an interior sea container width of 2337mm, with a minimum door opening height of 2286mm, and lengths of 5892mm (20 foot container) and 12,014mm (40 foot container).

1.1 PALLETS

The AIAG standard pallet footprint SHALL be used unless the part dictates special consideration as per section 1.1.4. All wood pallets SHALL conform to the National Wood Pallet Container Association Voluntary Standard for Wood Pallets (NWPCA). All wood pallets SHALL conform to ISPM-15.

1.1.1 Pallet Footprints

The AIAG standard pallet is 1140x980mm.

Intercontinental pallet size tolerances SHALL be +0/-6.3mm .

1.1.2 Style IC1 Pallet

IC1 is a block style pallet with full perimeter bottom boards

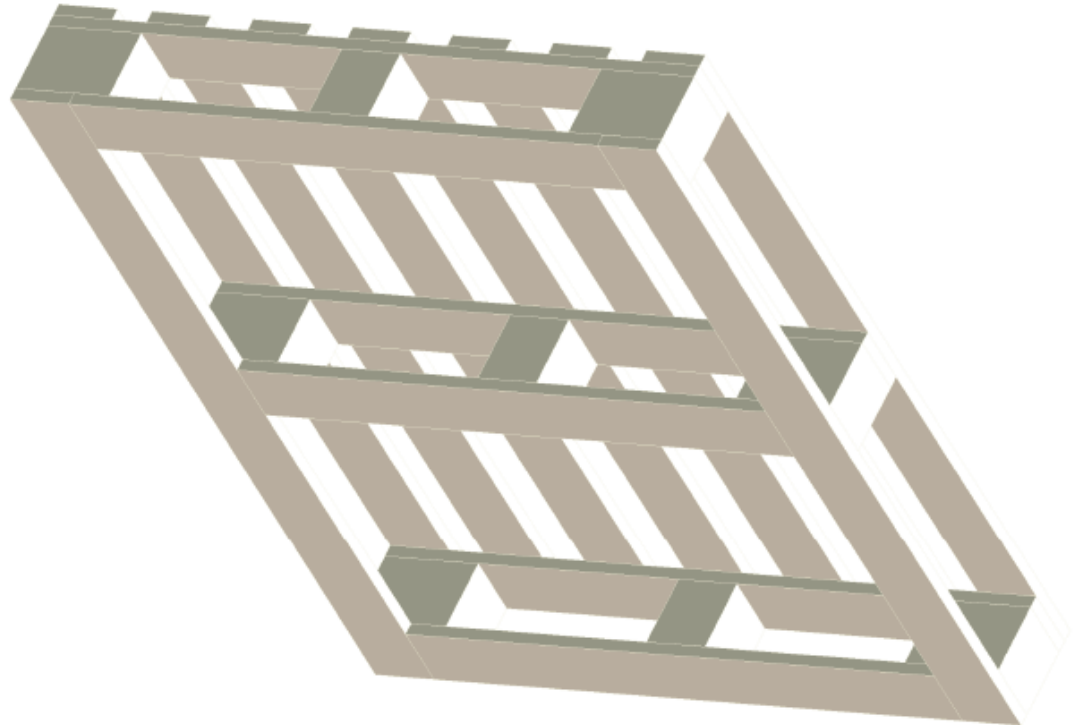


Figure 1: IC1 Pallet

RC-12

Intercontinental Pallet Standard

Version 1 Issued 11/2010



Automotive Industry Action Group

1.1.3 Style IC2 Pallet

IC2 is a block style pallet, without full perimeter bottom boards.

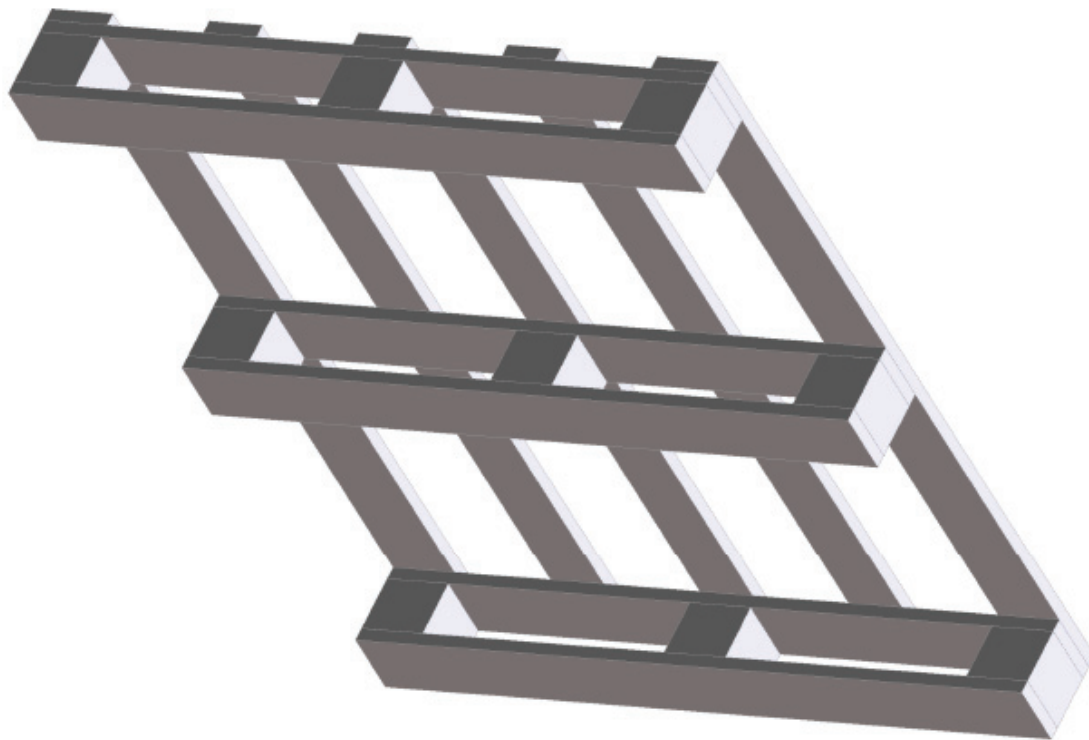


Figure 2: IC2 Pallet