

# PALLET POINTGUARD® PRESENTATION



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# HISTORY OF THE POINTGUARD®

- › Developed and **patented by United Pallet Services Inc.**
- › Within a year the pointGUARD® reached out from North America to South America and Europe
- › Published already in several magazines all around the world
- › The pointGUARD® picked as the **3rd Place Winner** in the 2013 Recycling Innovators Forum

# PUBLICATIONS

## pointGUARD Pallet Protection Systems Inks European Partnership Agreement

NOVEMBER 13, 2013 BY RICK LEBLANC [LEAVE A COMMENT](#)



Marc Pronlow, COO of ILS; Philipp Minchin, President & CEO of ILS; Wayne Randall, President of UPSI; Victor Minchin, General Director of ISM; and Callen Cochran, Business Development Manager of UPSI and The pointGUARD Pallet Protection Systems.

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## United Pallet Services Joins Reusable Packaging Association - Promotes pointGUARD

JUNE 5, 2013 BY RICK LEBLANC [LEAVE A COMMENT](#)

United Pallet Services, Inc. has joined the Reusable Packaging Association to leverage the association's research and partnerships in support of market expansion. The company will exhibit in the RPA's Reusable Packaging Pavilion at PACK EXPO Las Vegas 2013, bringing the record number of exhibitors to 33.

"We are excited to join this group of dynamic companies who are focused on the sustainable transport of goods and services," said Callen Cochran, Business Development Manager, United Pallet Services, Inc.



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## pointGUARD Pallet Protection Systems Expands Distribution Reach into Latin America

AUGUST 23, 2013 BY RICK LEBLANC [1 COMMENT](#)

United Pallet Services, Inc. has entered into a formal license agreement with Grupo Milasa of San Jose, Costa Rica that will grant exclusive rights to sell, market, and manufacture all of the products

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## pointGUARD offers a new era for the wooden pallet

Released: 23/08/2013 10:00:00

Read 869 times

Technology & Innovation

Comments (1)

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pointGUARD, a division of United Pallet Services, Inc. has introduced The pointGUARD™, an innovative plastic shield system that extends the lifespan of wooden pallets by 400% or more.

See [product and contact details](#) of ISM Interservice GmbH.

View suppliers of similar products in the [Packaging Network](#).

The pointGUARD™'s specially designed protection system is proven to reduce forklift damage to wooden pallets in common high-impact areas. With a simple change, The pointGUARD™ can save money and make operations more efficient. ISM-Interservice GmbH are the exclusive distributors for Europe.

Virginia Tech University's Center for Unit Load Design performed comprehensive tests to find out just how much more life can be expected from pallets while using The pointGUARD™. These comprehensive tests prove that The pointGUARD™ increases pallet durability, and extends pallet lifecycle by five times over pallets not using The pointGUARD™.

The pointGUARD™ gives the durability of a plastic pallet at the low price-point of wood. The pointGUARD™ was designed by industry experts to reduce the hassle and expense of continual pallet repair and replacement for businesses.

This simple and reusable shield system has been proven to extend the lifespan of existing wooden pallets by 400% or more. With The pointGUARD™, turn or cycle usage is greatly increased for existing pallets and decreases yearly repair and replacement costs.

# WHY USE THE POINTGUARD®

- › Extends the lifetime of a wooden pallet by a minimum of **400%**
- › Number of trips a pallet manages significantly increases
- › Repair costs are reduced by a minimum of **80%**
- › Direct brand recognition due to personalization of the pointGUARD®

# THE POINTGUARD® SUPPORTS

- › Any pallet dimension
- › RFID
- › ISPM-15 Mark
- › Heat and Cold resistant
- › High-rise storage
- › Truck load space compatible

# TECHNICAL SPECIFICATIONS FOR THE POINTGUARD® SYSTEM FOR EUROPEAN PALLET



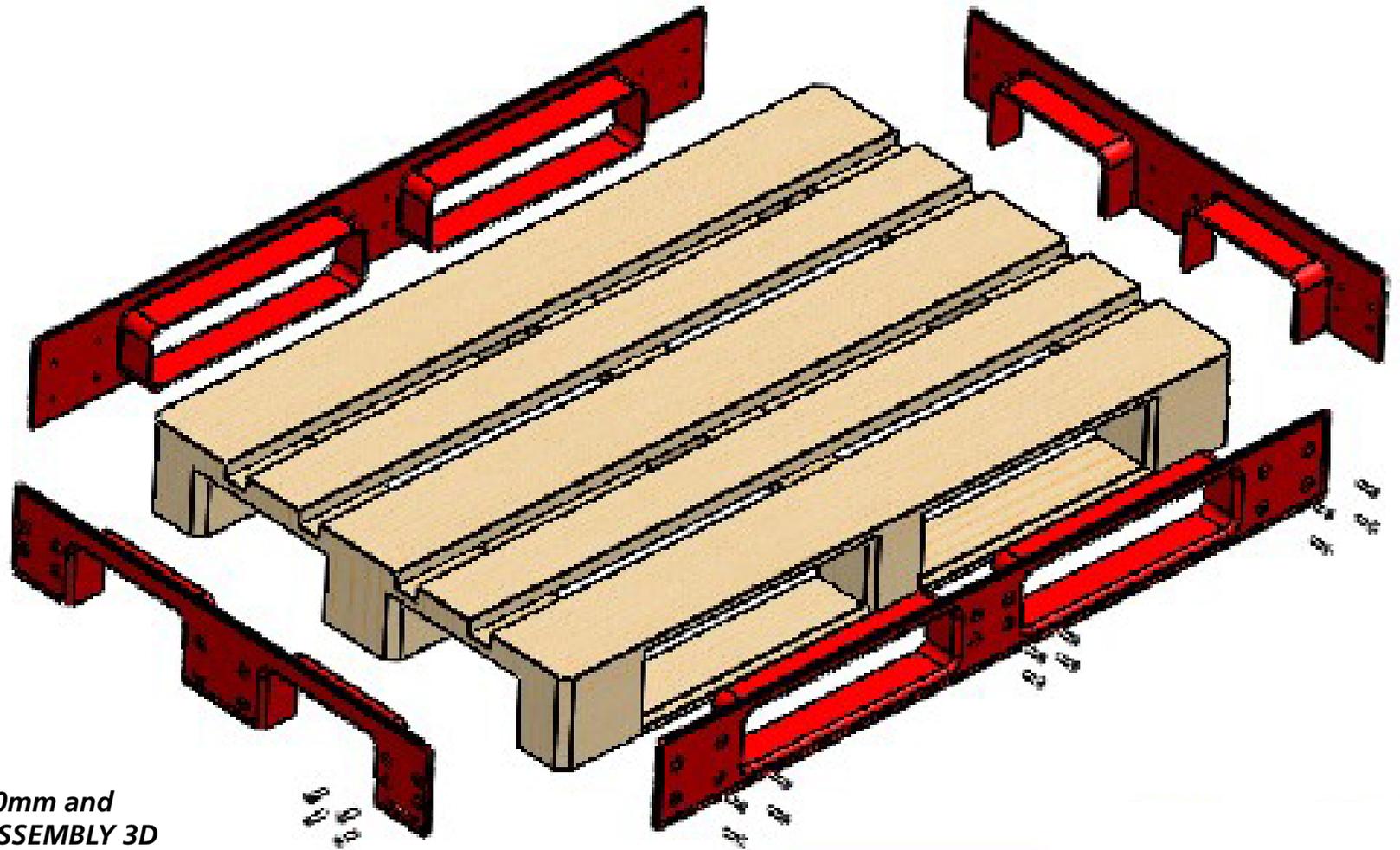
# INTRODUCTION

- › Pallet pointGUARD® system design for European pallets
- › Can be placed on long or short side of wooden Euro pallets
- › Fixes directly into a wooden pallet using 10 x M6 x 30mm wood Screws (supplied)
- › Constructed of recycled (black) or virgin (colours) polypropylene polymer
- › Design offers exception rigidity and impact protection from fork lift damage extending the life of a typical wooden pallet by **400%**

# TECHNICAL DESCRIPTION

- › Designed to fit within existing short side of wooden pallet
- › Features an opening for the pallet forks
- › Sides are protected from direct fork impact
- › Pallet pointGUARD® is left open on the short side
- › Secures with 10 x M6 screws
- › PP, fully recycled

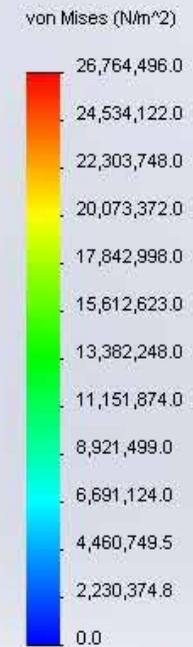
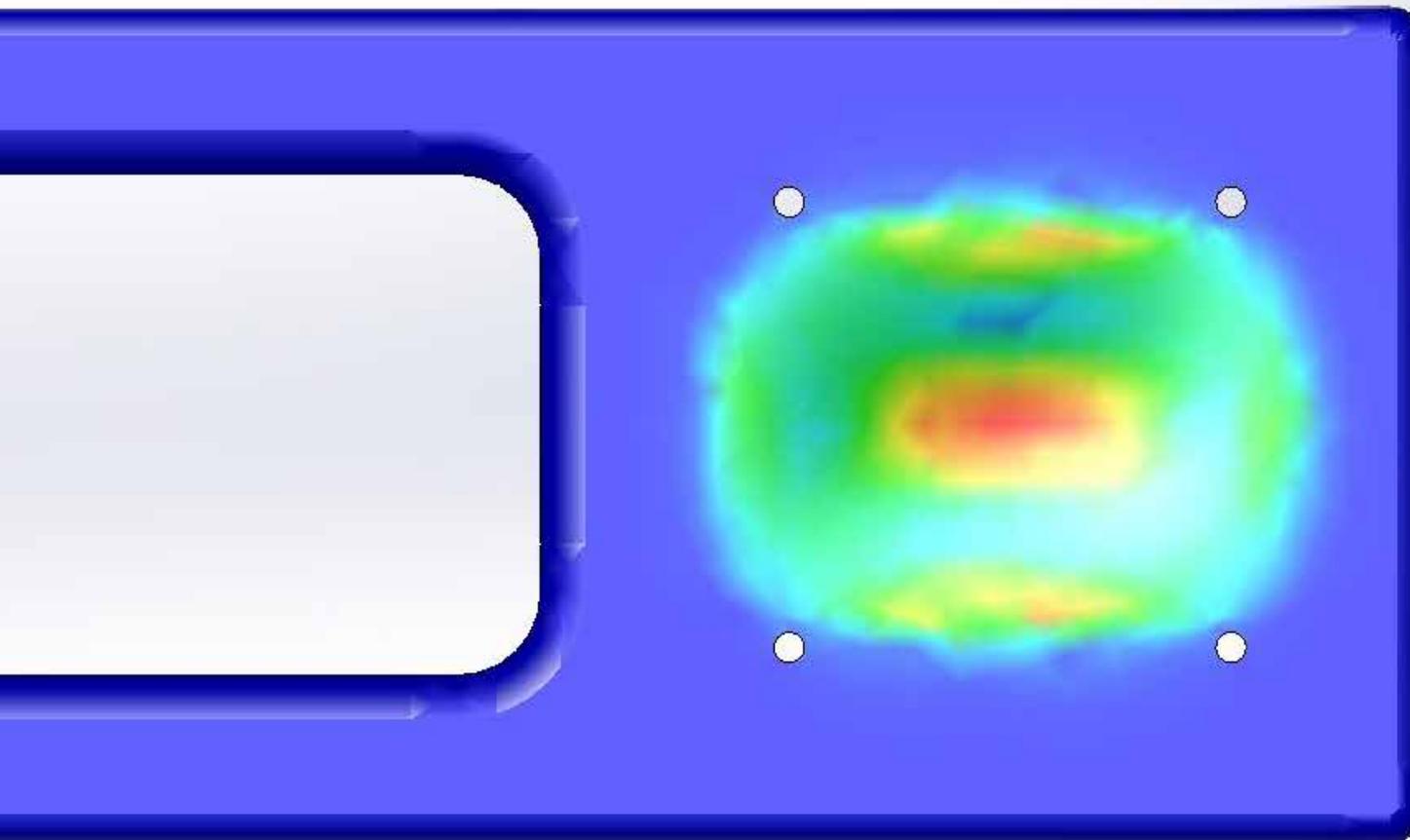
# TECHNICAL DESCRIPTION



*Pallet pointGUARD® 800mm and  
1200mm– EXPLODED ASSEMBLY 3D*

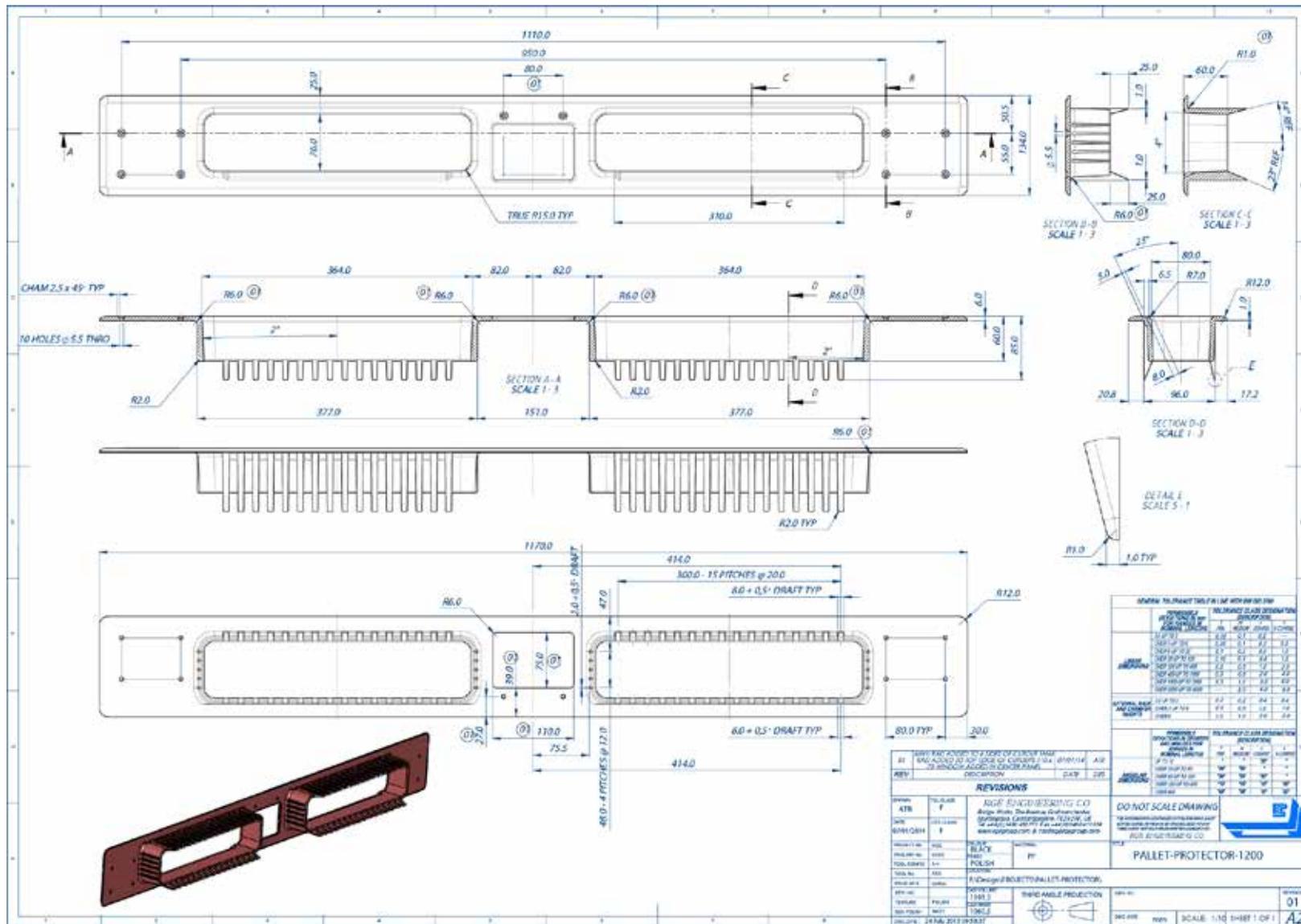
# TECHNICAL DESCRIPTION

- › FEA Simulation showing load applied
- › PP, 5mm wall section



*Load stresses under  
point load from fork*

# TECHNICAL DESCRIPTION



REVISION	DATE	BY	CHKD	DESCRIPTION
01	2013-09-27	...	...	...
02	2013-10-10	...	...	...
03	2013-10-10	...	...	...
04	2013-10-10	...	...	...
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**REVISIONS**

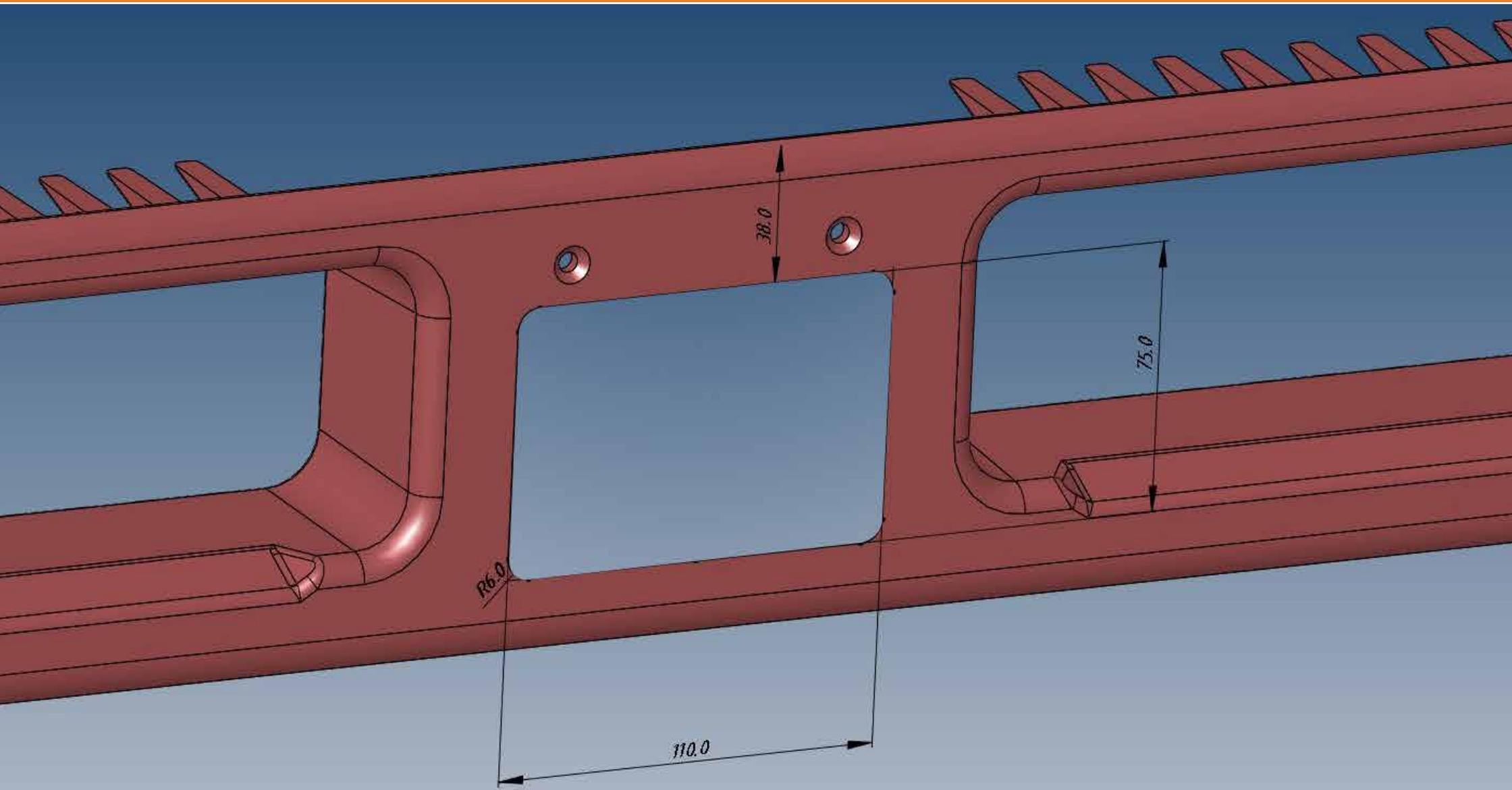
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**DO NOT SCALE DRAWING**

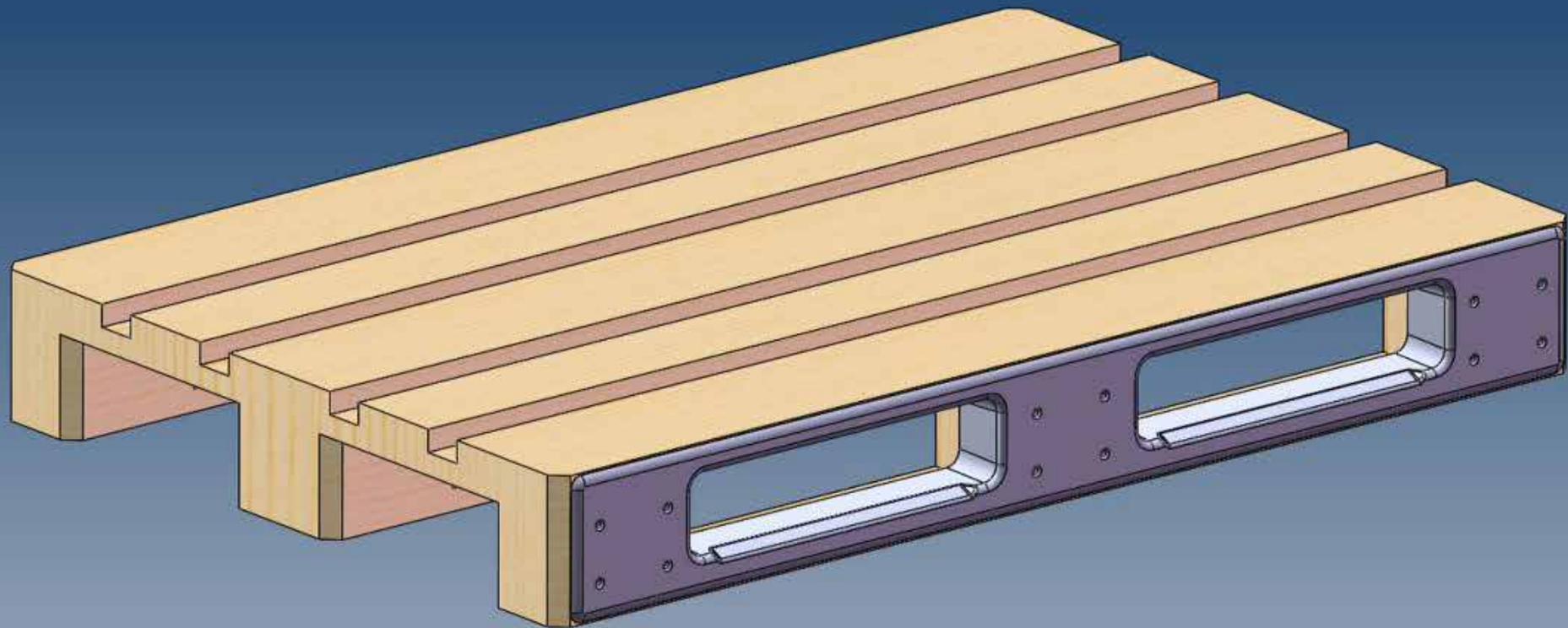
**PALLET-PROTECTOR-1200**

SCALE: 1:10 SHEET 1 OF 1

# TECHNICAL DESCRIPTION: ISPM-15 MARK APPLICABLE

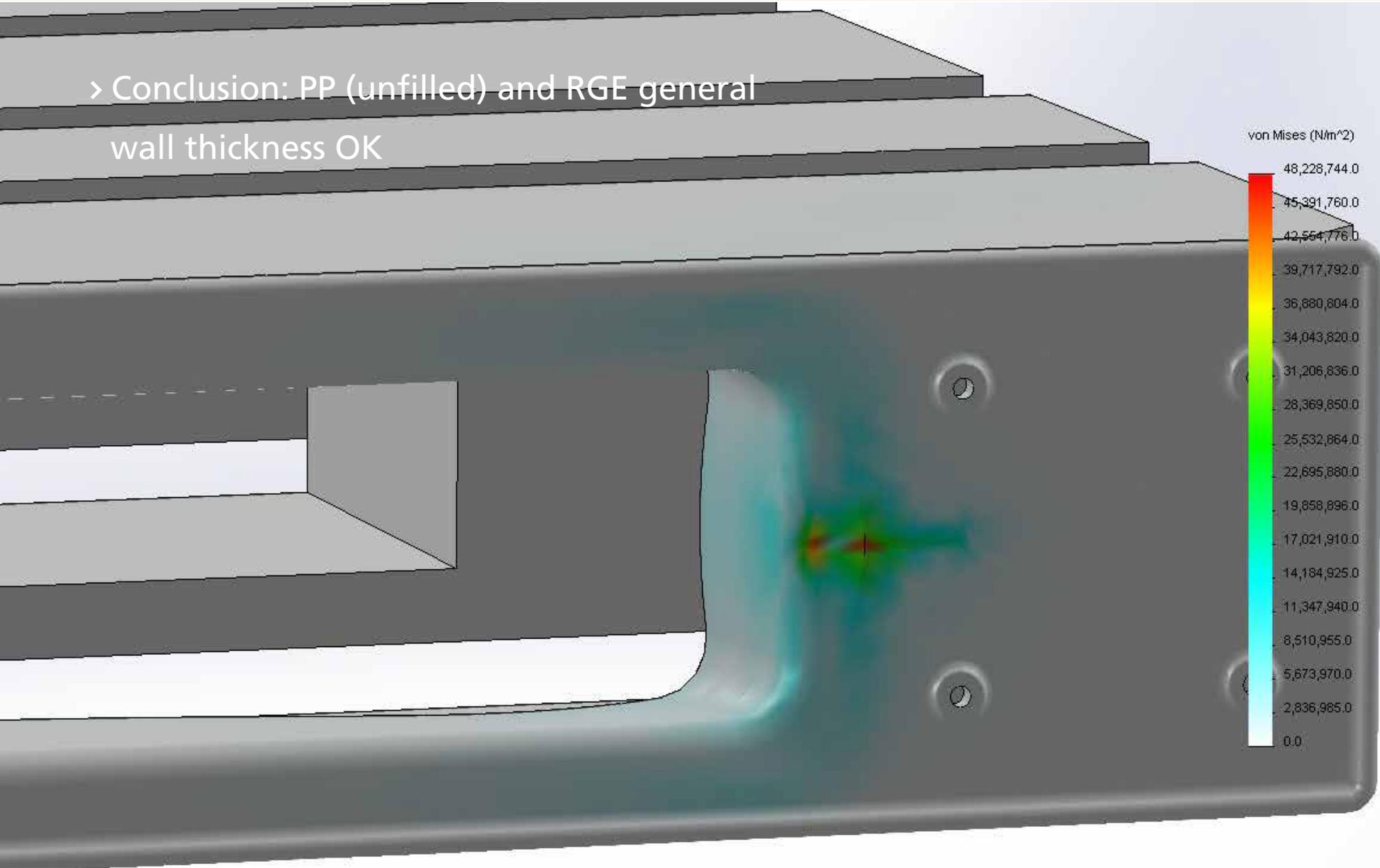


# TECHNICAL DESCRIPTION

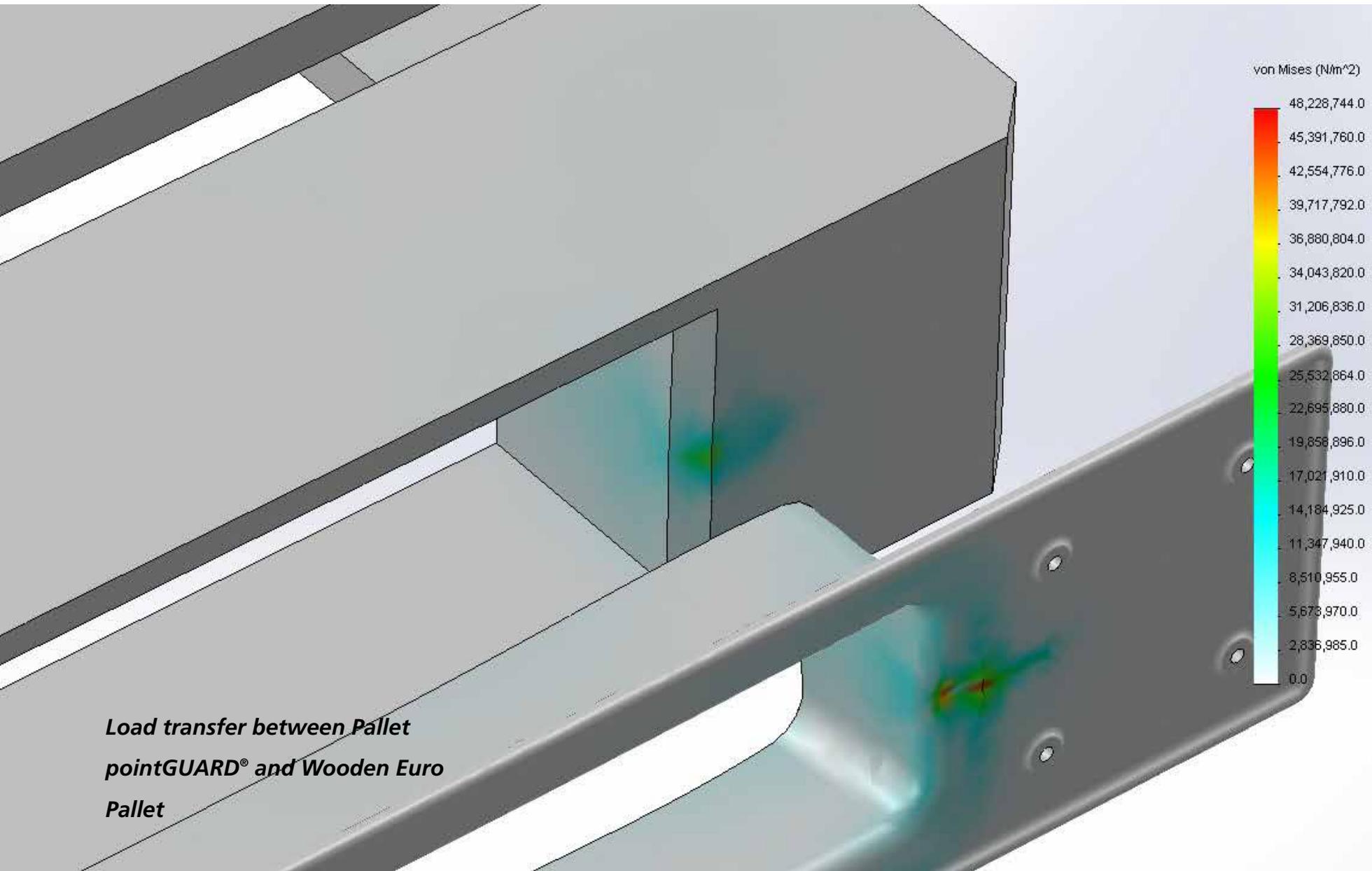


# TECHNICAL DESCRIPTION

> Conclusion: PP (unfilled) and RGE general wall thickness OK



# TECHNICAL DESCRIPTION



# TECHNICAL DESCRIPTION

- › Designed to fit within existing long side of pallet
- › Features a fully closed aperture for the pallet forks
- › Sides are protected from direct fork load
- › Secured to pallet using 10 off M6 wood screws



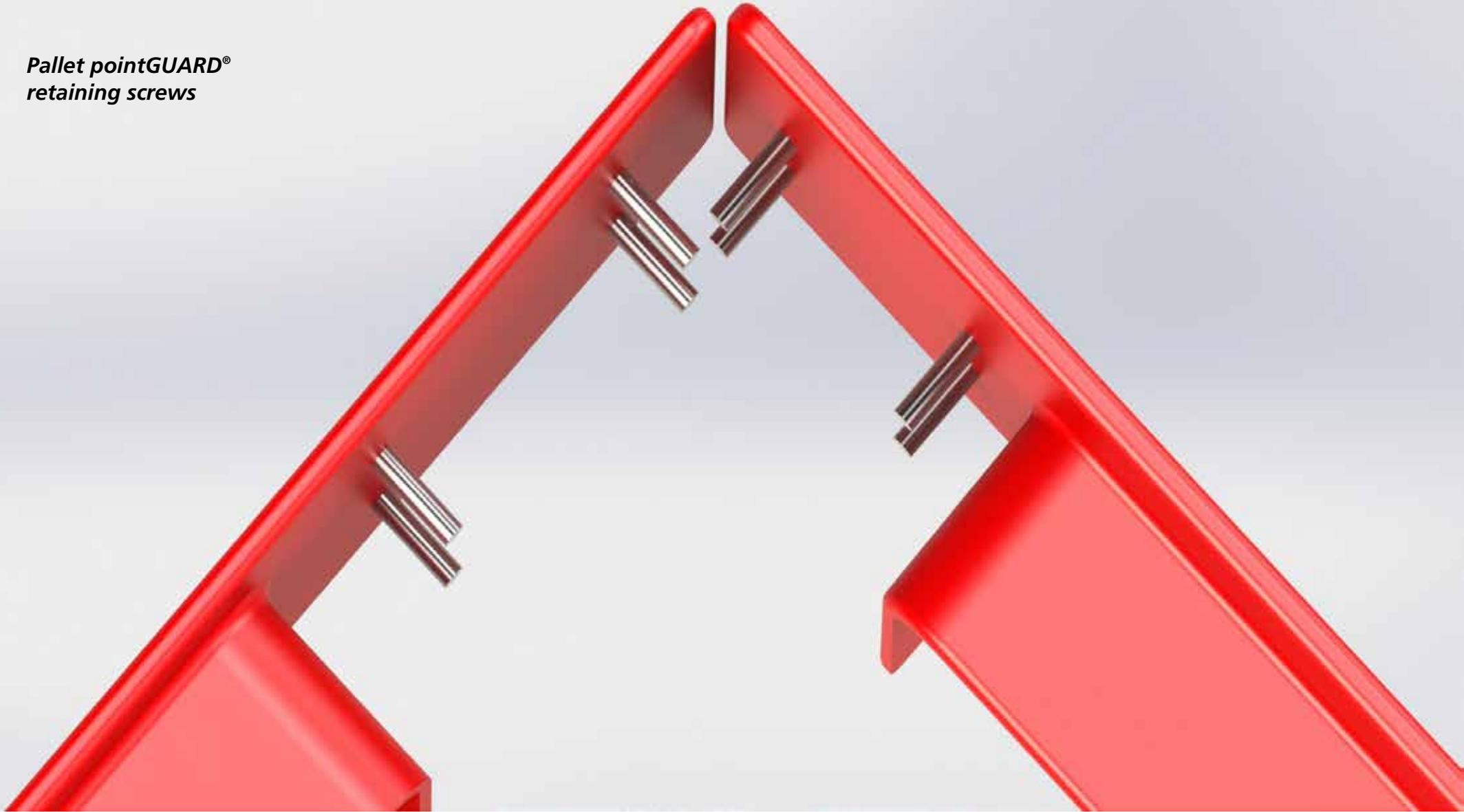
# PALLET POINTGUARD®

## SCREWS CROSS SECTION

- › Security of the Pallet pointGUARD® is by 10 M6x30mm wood screws
- › 10 location holes are pre-moulded into the short or long side Pallet pointGUARD®
- › The position of these holes can be chosen to avoid any clash with the nails already within the wooden pallet

# PALLET POINTGUARD® SCREWS CROSS SECTION

*Pallet pointGUARD®  
retaining screws*



# CONCLUSION

- › Pallet pointGUARD® system designed for European pallets
- › Can be placed on long or short side of any wooden pallets
- › Engineering FEA and impact analysis demonstrates the superior performance a wooden pallet protected by Pallet pointGUARD® has over a conventional wooden pallet
- › The system is fully recyclable
- › It is made of 100% Recycled material
- › If required the Pallet pointGUARD® can be coloured in a corporate colour

# THE POINTGUARD® IN USE



# THE POINTGUARD® IN USE



# THE POINTGUARD® IN USE



# THE POINTGUARD® IN USE



# THE POINTGUARD® IN USE



INTERESTED?

FOR FURTHER INFORMATION PLEASE DO  
NOT HESITATE TO CONTACT US

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