

1. Ref. transp. packaging unit: Wienerberger 880x850 TRN 288x138x138 (144 pcs) - np
2. Ref. measuring report: Wienerberger nv - 20250701003
3. Company: Wienerberger nv
4. Performed test: Acceleration test following EUMOS40509:2020
5. Test date: 1/07/2025
6. Test institute and responsible: ESTL nv, Prikkelhoek 24, 9800 Deinze, Belgium - Bouckaert Laurens

7. Description of the tested load unit:

A 880x850 wooden pallet containing 8 layers of bricks. Each pallet contains 144 bricks with the following dimensions: 288x138x138. There is a paper interlayer (90gr/m²) on top of layer 1, 2, 3, 4 & 5. The dimensions of the outer stringers of the pallet have been adjusted to 55x67mm.

Primary packaging: / Secondary packaging: /

Tertiary packaging: Stretch film: ☐ Stretch hood: ☐ Shrink hood: ☐ Straps: ☐

Add transport packaging: Paper interlayers

Anti slip up the pallet: ☐

Anti slip up on layer(s):

Stacking pattern: Columnar

Pallet type: Custom 880x850 # Layers: 8

Height [mm]: 1190 Weight[kg]: 860

Length - LP [mm]: 880

Width - BP [mm]: 850



8. Name and signature responsible of the packaging: Danny Wallaert

9. Test conditions: Relative humidity: 48% - Temperature: 20°C - Sliding of the pallet is prevented mechanically.

10a. Picture before - during - after the acceleration test in the BP-direction



10b. Conclusion BP-direction:

The tested load unit is shape stable in the BP-direction at 0.5g under the specified test conditions.

11a.

Picture before - during - after the acceleration test in the LP-direction



11b. Conclusion LP-direction:

The tested load unit is shape stable in the LP-direction at 0.5g under the specified test conditions.

12. Name and signature responsible of the test: Ing. J. Dendauw



Specifications of the test

Contact information client

Company: Wienerberger nv
Address: Kapel Ter Bede 121
8500 Kortrijk
België

Contact pers.: Danny Wallaert
Tel. nr.: +32 (0) 56 24 96 27
Fax nr.: -
Mob. nr.: -
E-mail: Danny.Wallaert@wienerberger.com

Test details:

Test facility: ESTL nv, Prielkelhoek 24, 9800 Deinze, Belgium
Test responsible: Bouckaert Laurens
Test equipment: MJL 2000 acceleration bench
Test date: 1/07/2025
People attending: Laurens Bouckaert (ESTL), Danny Wallaert (Wienerberger)

Temperature [°C]: 20
Rel. humidity [%]: 48
Load conditions: Sliding of the load unit is prevented mechanically.
Attached documents to the report: /

Reference 20250701/003

Company: Wienerberger nv

Author Bouckaert Laure

LU name: Wienerberger 880x850 TRN 288x138x138 (144 pcs) - np

Contact: Danny Wallaert

Date: 1/07/2025

Test specifications

Customer:	Wienerberger nv	Contact:	Danny Wallaert
Test facility:	ESTL nv, Prikkelhoek 24, 9800 Deinze, Belgium	Date	1/07/2025
Test engineer:	Bouckaert Laurens	Temperature [°C]:	20 Rel. humidity [%]: 48
Load unit:	Wienerberger 880x850 TRN 288x138x138 (144 pcs) - np		

Conclusions and remarks

Conclusion LP-direction: The load unit behaves shape stable following EUMOS40509 at an acceleration of 0,5g.

Conclusion BP-direction: The load unit behaves shape stable following EUMOS40509 at an acceleration of 0,5g.

- Wienerberger Tournai
- TRN 288x138x138

Pallet specifications

Name of the pallet: Wienerberger 880x850 TRN 288x138x138 (144 pcs) - np

A 880x850 wooden pallet containing 8 layers of bricks. Each pallet contains 144 bricks with the following dimensions: 288x138x138. There is a paper interlayer (90gr/m²) on top of layer 1, 2, 3, 4 & 5. The dimensions of the outer stringers of the pallet have been adjusted to 55x67mm.

Pallet type: Custom 880x850

Stacking pattern: Columnar

Layers: 8 **Cases per layer:** 18

Tie sheet between load and pallet: ☐

Tie sheet on top of layer(s):



LP [mm]: 880 **BP[mm]:** 850 **Weight [kg]:** 860 **Height [mm]:** 1190



Reference 20250701/003

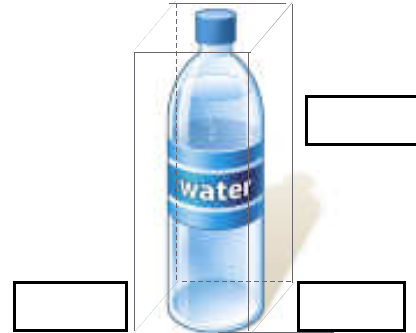
Author Bouckaert Laure

Contact: Danny Wallaert

Date: 1/07/2025

Company: Wienerberger nv

LU name: Wienerberger 880x850 TRN 288x138x138 (144 pcs) - np

Primary packagingName: /Type:Description:Secondary packagingName: /Theor. head space [mm]:

0

Gross weight [kg]:

0

Compression force [N]:

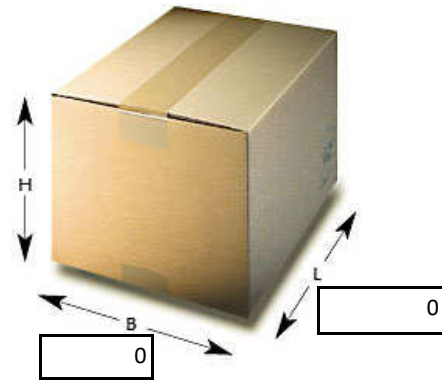
0

Fluting type:Prim units per sec. unit:

0

Description:

/

Additional packaging

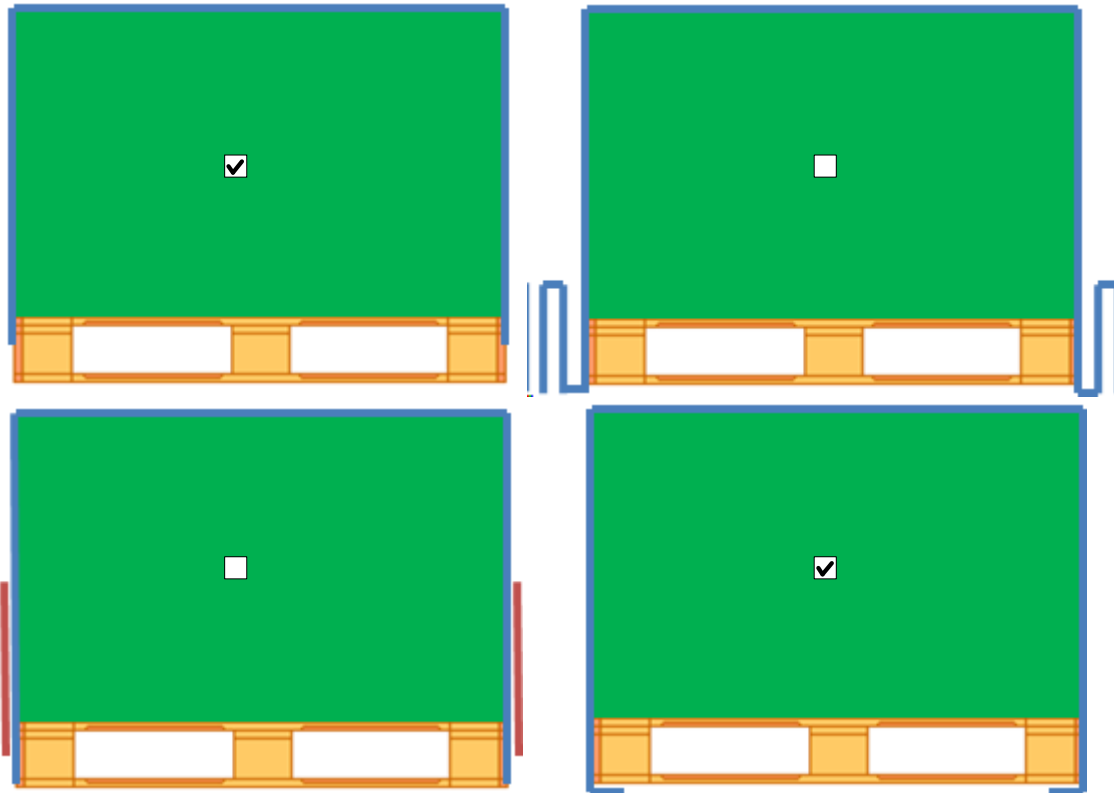
Paper interlayers

Tertiary packaging - stretch hoodHood reference: 1226 R50 SHH 1110x1090 130MU UV2 BARRY BLANC Thickness [μm]: 130Hood Type: Shrink hoodInitial dimensions [mm]x[mm]: 1110x 1090Vertical stretch [%]:Hor. stretch long side [%]:Hor. stretch short side [%]:

Reference 20250701/003
Company: Wienerberger nv

Author Bouckaert Laure **Contact:** Danny Wallaert **Date:** 1/07/2025
LU name: Wienerberger 880x850 TRN 288x138x138 (144 pcs) - np

Configuration of the hood:



Reference

20250701/003

Author

Bouckaert Laure

Contact:

Danny Wallaert

Date:

1/07/2025

Company:

Wienerberger nv

LU name:

Wienerberger 880x850 TRN 288x138x138 (144 pcs) - np

Individual tests

0

Acceleration:

0.5

Direction:

LP

EUMOS40509 compliant?

☒

BEFORE THE TEST



DURING THE TEST (max deformation)



AFTER THE TEST



DEFORMATIONS

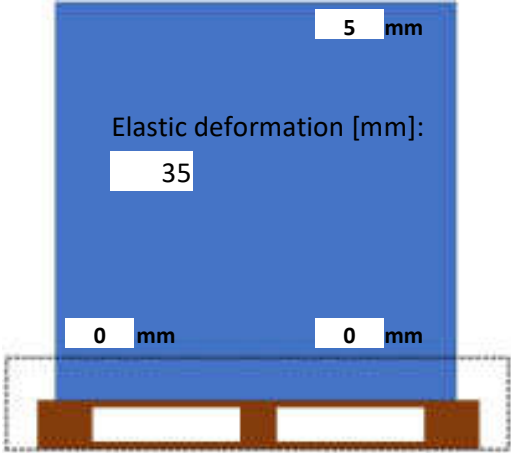
5 mm

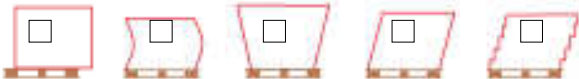
Elastic deformation [mm]:

35

0 mm

0 mm





Testing history sample:

Ambient conditions

Comment:

The pallet is behaving shape stable

Reference

20250701/003

Author

Bouckaert Laure

Contact:

Danny Wallaert

Date:

1/07/2025

Company:

Wienerberger nv

LU name:

Wienerberger 880x850 TRN 288x138x138 (144 pcs) - np

Acceleration:

0.5

Direction:

BP

EUMOS40509 compliant?

☒

BEFORE THE TEST



DURING THE TEST (max deformation)



AFTER THE TEST



DEFORMATIONS

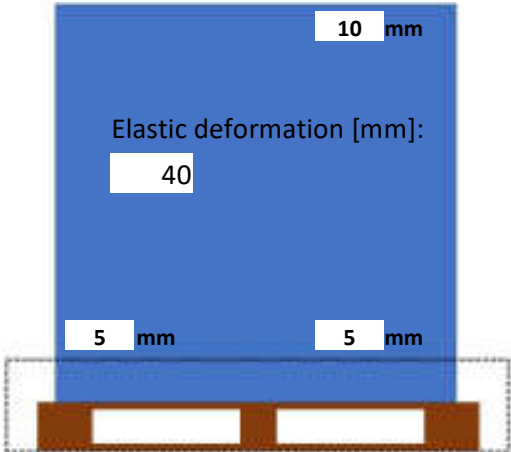
10 mm

Elastic deformation [mm]:

40

5 mm

5 mm



Testing history sample:

Ambient conditions

Comment:

The pallet is behaving shape stable