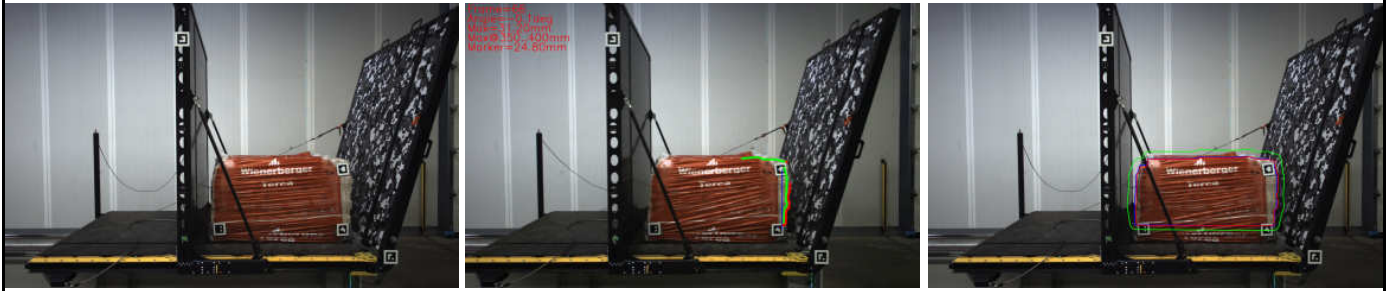


11a.

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, Wafelstraat 46, 8540 Deerlijk, Belgium
Test responsible: Dendauw Jelle
Test equipment: MJ1500 acceleration bench
Test date: 14/03/2024
People attending: Jelle Dendauw (ESTL), Danny Wallaert (Wienerberger)

Temperature [°C]: 20
Rel. humidity [%]: 50
Load conditions: Sliding of the load unit is prevented mechanically.
Attached documents to the report: Packaging specification

Reference 20240314/005
Company: Wienerberger nv

Author Dendauw Jelle
LU name: WNRBRGR EUR BSK 215x65x18 (1580 pcs)

Contact: Danny Wallaert
Date: 14/03/2024

Test specifications

<u>Customer:</u>	Wienerberger nv	<u>Contact:</u>	Danny Wallaert	
<u>Test facility:</u>	ESTL nv, Wafelstraat 46, 8540 Deerlijk, Belgium	<u>Date</u>	14/03/2024	
<u>Test engineer:</u>	Dendauw Jelle	<u>Temperature [°C]:</u>	20 <u>Rel. humidity [%]:</u>	48
<u>Load unit:</u>	WNRBRGR EUR BSK 215x65x18 (1580 pcs)			

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.

- 130mu stretch
- BSK 215x65x18 strips
- No straps

Pallet specifications

Name of the pallet: WNRBRGR EUR BSK 215x65x18 (1580 pcs)

A EUR pallet containing 8 layers of bricks strips. The strips are grouped per 20 units by a vertical strap. Each pallet contains 1520 strips with the following dimensions: 215x65x18.

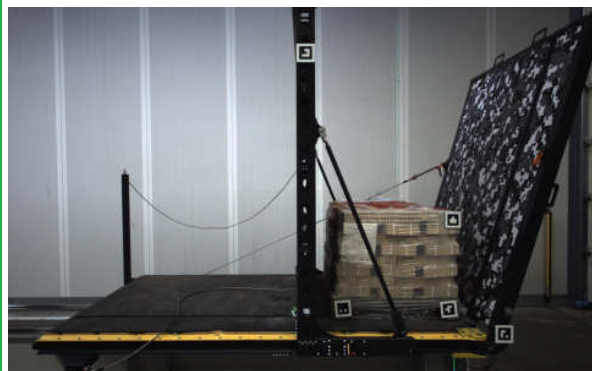
Pallet type: EUR 120x80

Stacking pattern: Interlocked

Layers: 12 Cases per layer:

Tie sheet between load and pallet:

Tie sheet on top of layer(s):



LP [mm]: 1200 BP[mm]: 800 Weight [kg]: 790 Height [mm]: 665

Reference 20240314/005
Company: Wienerberger nv

Author Dendauw Jelle
LU name: WNRBRGR EUR BSK 215x65x18 (1580 pcs)

Contact: Danny Wallaert

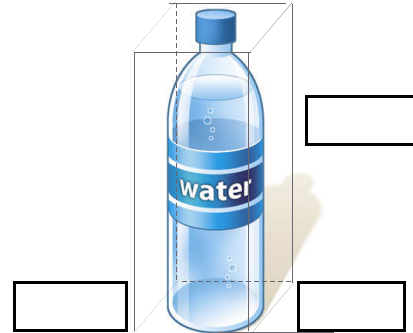
Date: 14/03/2024

Primary packaging

Name: /

Type:

Description:



Secondary packaging

Name: /

Theor. head space [mm]:

0

Gross weight [kg]:

0

Compression force [N]:

0

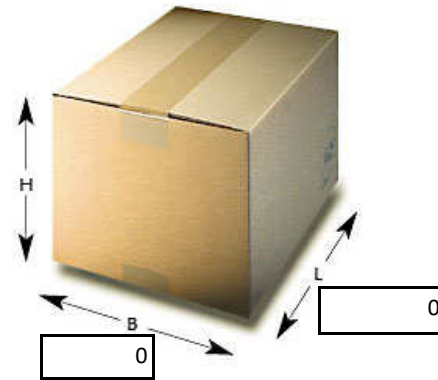
Fluting type:

Prim units per sec. unit:

0

Description:

/



Additional packaging

/

Tertiary packaging - stretch hood

Hood reference: Trioworld

Thickness [µm]: 130

Hood Type: Stretch hood

Initial dimensions [mm]x[mm]: x

Vertical stretch [%]:

Hor. stretch long side [%]:

Hor. stretch short side [%]:

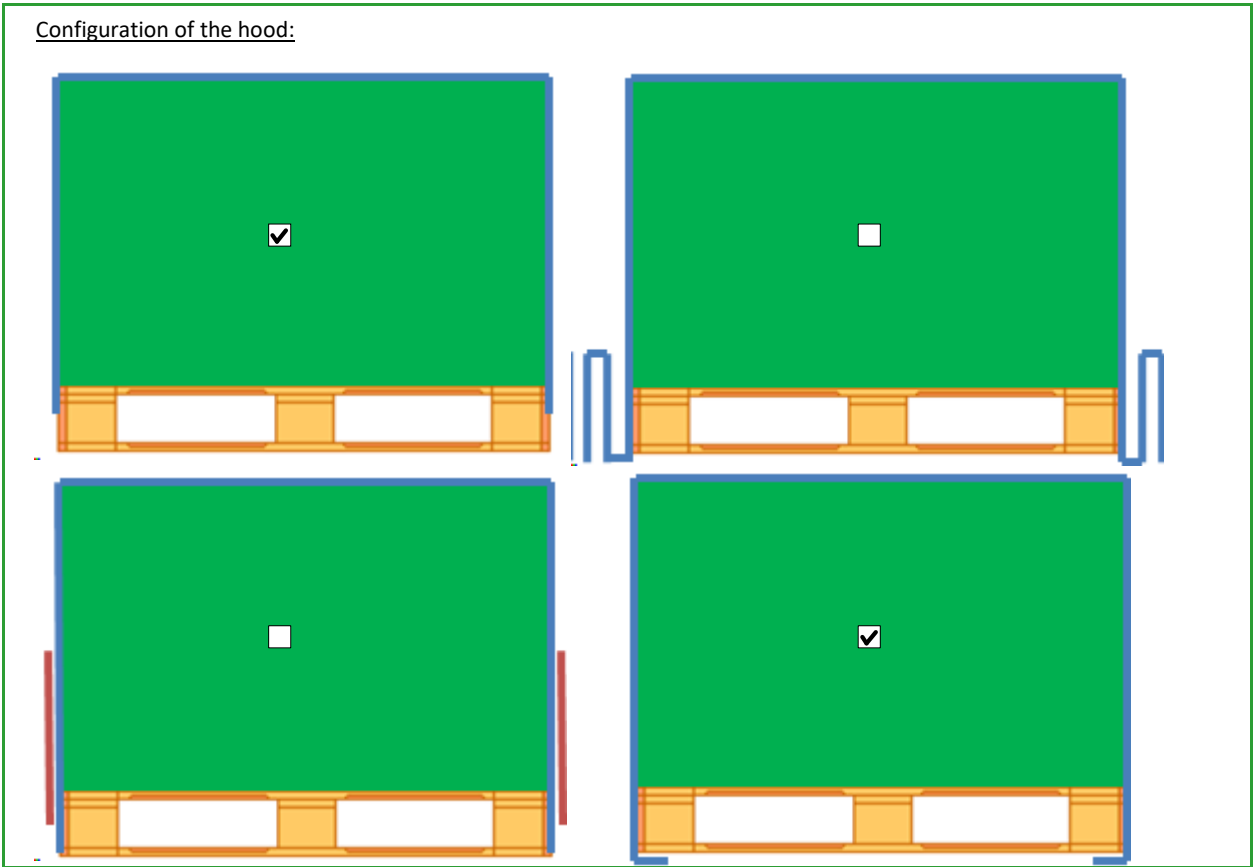
Reference 20240314/005
Company: Wienerberger nv

Author Dendauw Jelle
LU name: WNRBRGR EUR BSK 215x65x18 (1580 pcs)

Contact: Danny Wallaert

Date: 14/03/2024

Configuration of the hood:





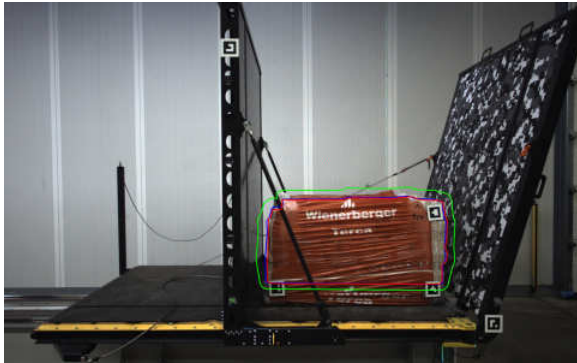
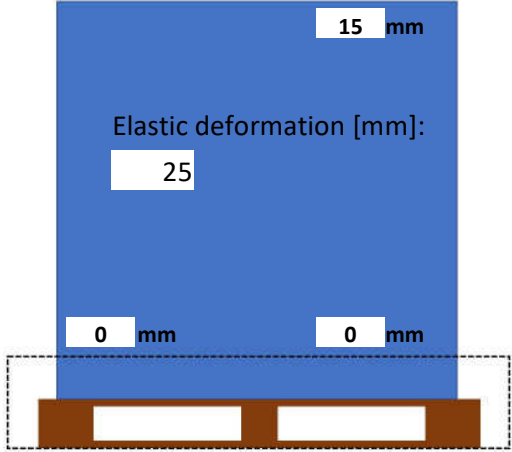
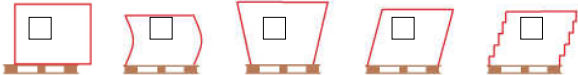
Reference 20240314/005
Company: Wienerberger nv

Author Dendauw Jelle Contact: Danny Wallaert
LU name: WNRBGR EUR BSK 215x65x18 (1580 pcs)

Date: 14/03/2024

0

Individual tests

<u>Acceleration:</u> 0,5	<u>Direction:</u> LP	EUMOS40509 compliant? <input checked="" type="checkbox"/>
<p><u>BEFORE THE TEST</u></p> 		<p><u>DURING THE TEST (max deformation)</u></p> 
<p><u>AFTER THE TEST</u></p> 		<p><u>DEFORMATIONS</u></p> 
<p><u>Testing history sample:</u> Ambient conditions.</p>		
<p><u>Comment:</u> The pallet is behaving shape stable.</p>		

Reference 20240314/005
Company: Wienerberger nv

Author Dendauw Jelle
LU name: WNRBRGR EUR BSK 215x65x18 (1580 pcs)

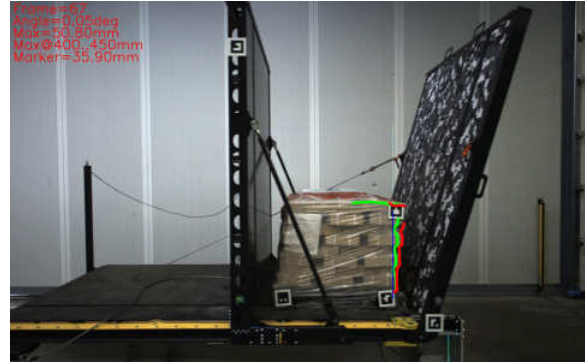
Contact: Danny Wallaert
Date: 14/03/2024

Acceleration: 0,5 Direction: BP **EUMOS40509 compliant?**

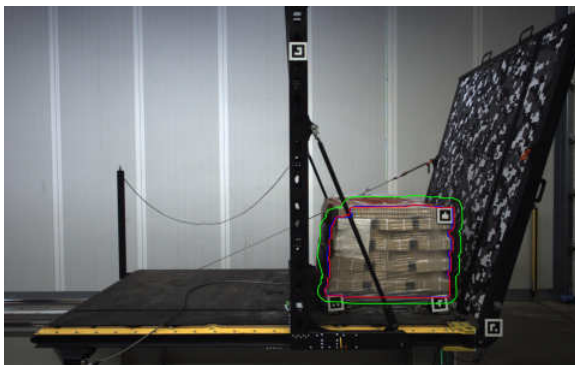
BEFORE THE TEST



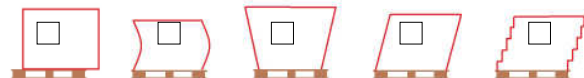
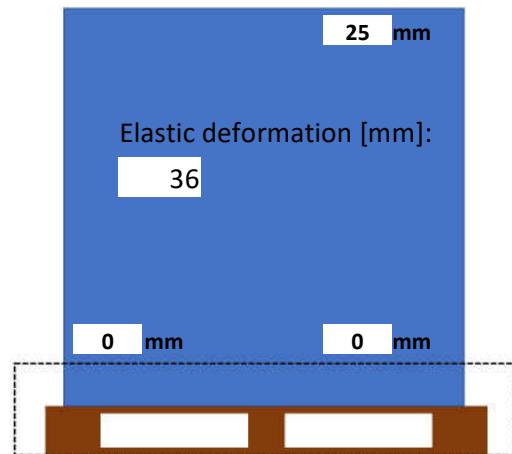
DURING THE TEST (max deformation)



AFTER THE TEST



DEFORMATIONS



Testing history sample:
Ambient conditions.

Comment:
The pallet behaves shape stable.

Wienerberger NV/SA - Kortemar
Hoogledestraat 92
8610 Kortemark

Product specification

No.: 468701
Date: 20240318 NYBTAOS
Page: 1

Product information

Product: NYBORG STRETCH SECURE+ TRIOLOOP 30%
Film color: TRANSPARENT
Dimension mm: Width: 950 Gusset: 550 Length: Cutlength:
Thickness µm: 130
Application:
Your itemno.: 9080286
Packaging: 1450 METER

Technical data.

Standard

Measurement

Materials. Polyethylene raw materials.
UV-stabilized to (kLy).
UV-Absorber for a % reduction of UV-A and UV-B
radiation in the 290 to 380 nm wavelength range.

180 KLY
Not added

Product tolerance. (Tolerances within 2 Sigma)

Thickness, average (micron)	TP method	+/- 6
Thickness, profile variation (micron)	TP method	+/- 13
Visible width (mm)	TP method	+/- 10
Width (mm)	TP method	+/- 10
Gusset width (mm)	TP method	+/- 10
Gusset distortion (mm)	TP method	Max 10

Contact with food-stuffs

N/A

Environment

Product in accordance with 94/62/EC and amendments
and Regulation (EU) 1907/2006 (REACH)

Storage.

Product specification

No.: 468701

Page: 2

Storage - application (see enclosure)

Certifications of management systems.

9001:2015/14001:2015/22000:2018

A handwritten signature in black ink, appearing to read "Sissel Andersen".

Sissel Andersen

Quality Manager