

Document title	Wooden packaging - Quality and requirements – Definition of approved Pallets, Frames and Bearers		
Document no	GS 280A0018	Valid from	GRUNDFOS 
Author	Approver		Doc. type

1.0 Purpose

2.0 Scope

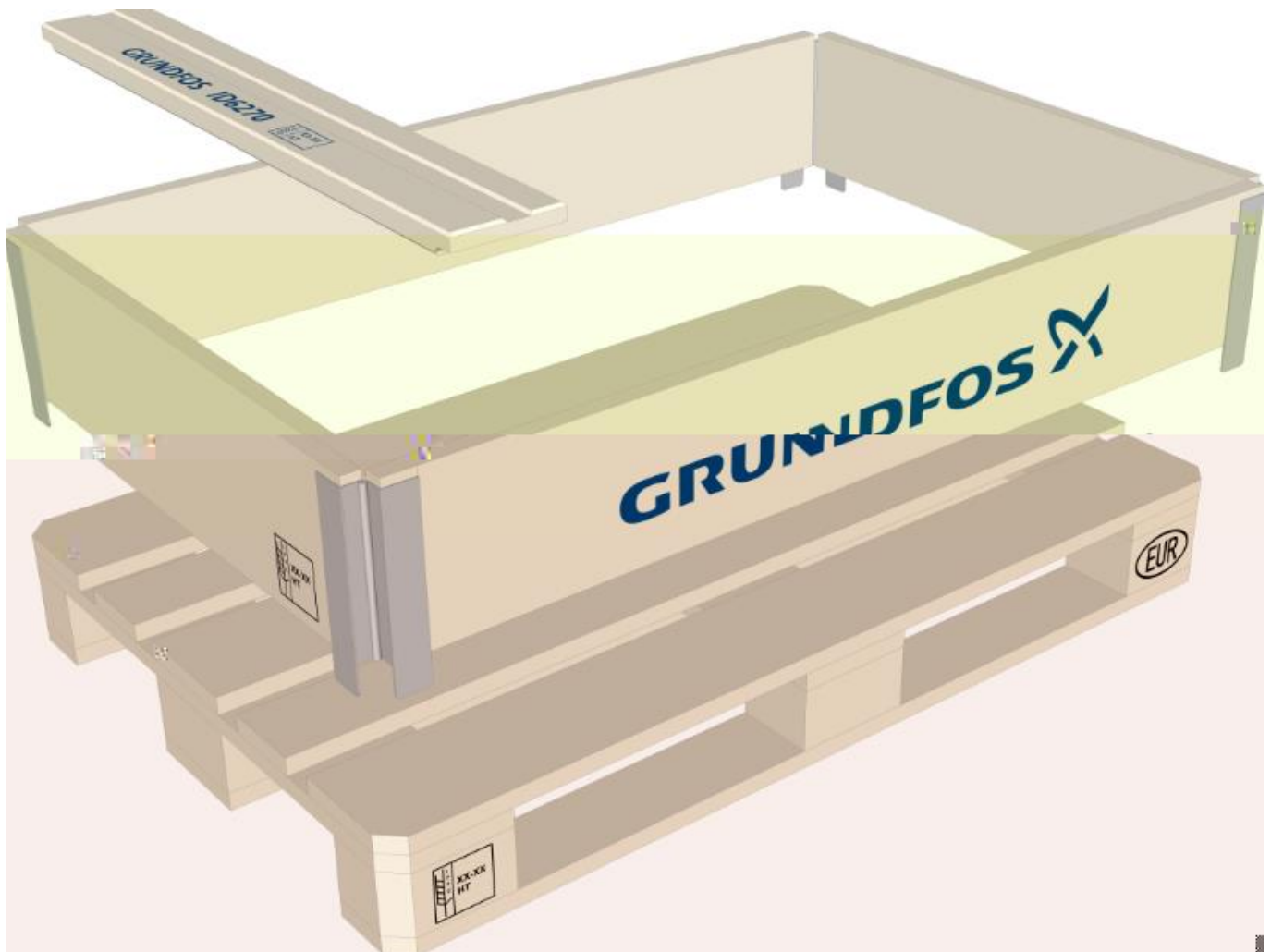


Figure 1

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3.0 Responsibilities

3.1 Managers of departments receiving goods, shipping departments, and distribution centres

3.2 Local purchase departments

3.3 The Group Purchase department

4.0 Instructions

4.1 General

not allowed

4.2 Requirements for the construction of pallets, frames, bearers, and other wooden packaging

unpreserved

ISPM 15.

DB HT

HT

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ISO 3166-1-alpha-2 code elements

See example of marking in Figure 1.



Figure 2a and 2b.

4.2.1 EUR pallets

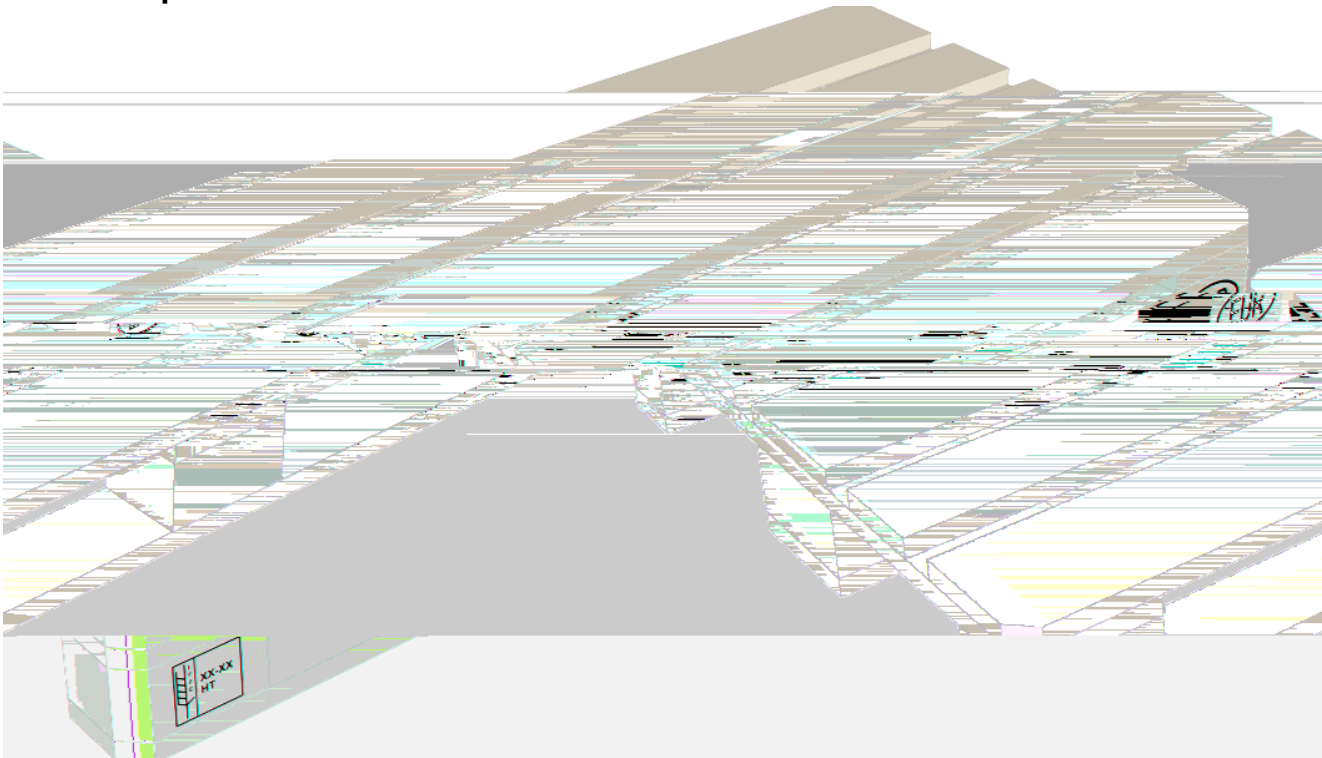


Figure 3

Construction:

EUR pallets

UIC Code 435-2

1200 x 800 x 144 mm

OLD Marking:

three blocks on both long sides:

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must

ISPM 15,



section 4.2

Figure 1.

NEW Marking:

Exchangeability between pallets with OLD and NEW markings:

Conditions:

not

Figure 4.

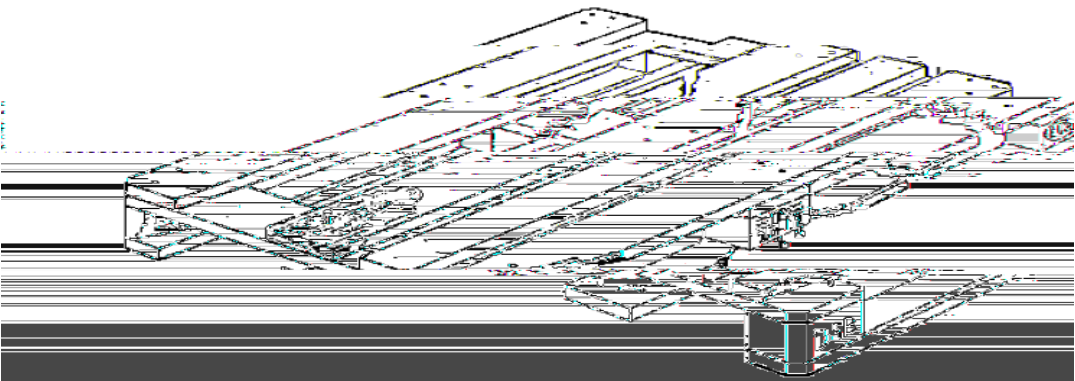


Figure 4.

UIC Code 435-4.

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4.2.2 Frames

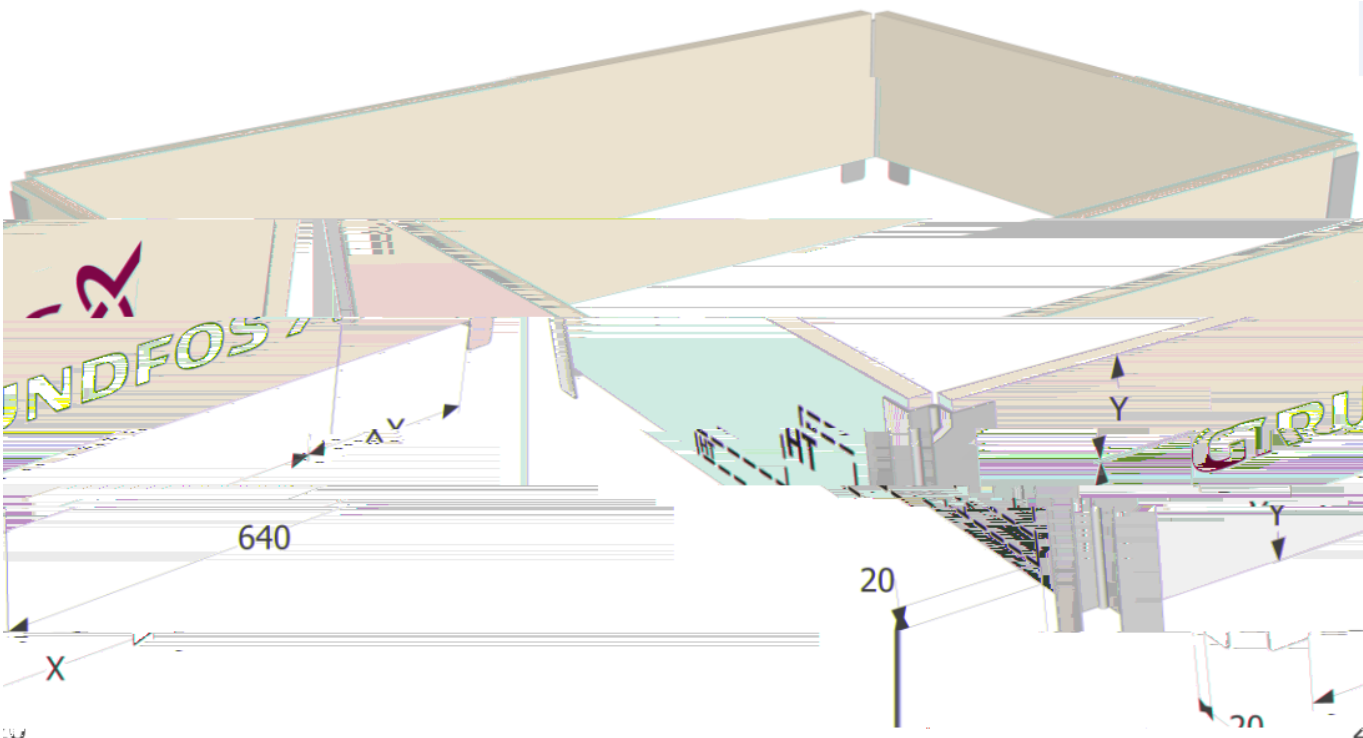


Figure 5

EN 13545

Construction:

20 mm

1200 x 800 x 195 mm.
four 2 mm steel hinges.
5 x 27 mm.

30 mm.



Figure 6

NB: made of 2 mm steel
 EN 13545.
 The test proved that in order to comply with EN 13545, the hinges must be made of 2 mm steel
 All frames must be checked all suppliers

Marking:

ISPM 15 Section 4.2, Figure 2a, Figure 2b

Figures 5

Conditions:
 unsuitable

4.2.3 Bearers

Only

New Bearers purchased since 2016 will be without steel fittings. Both will be handled with the same product number 00ID6270

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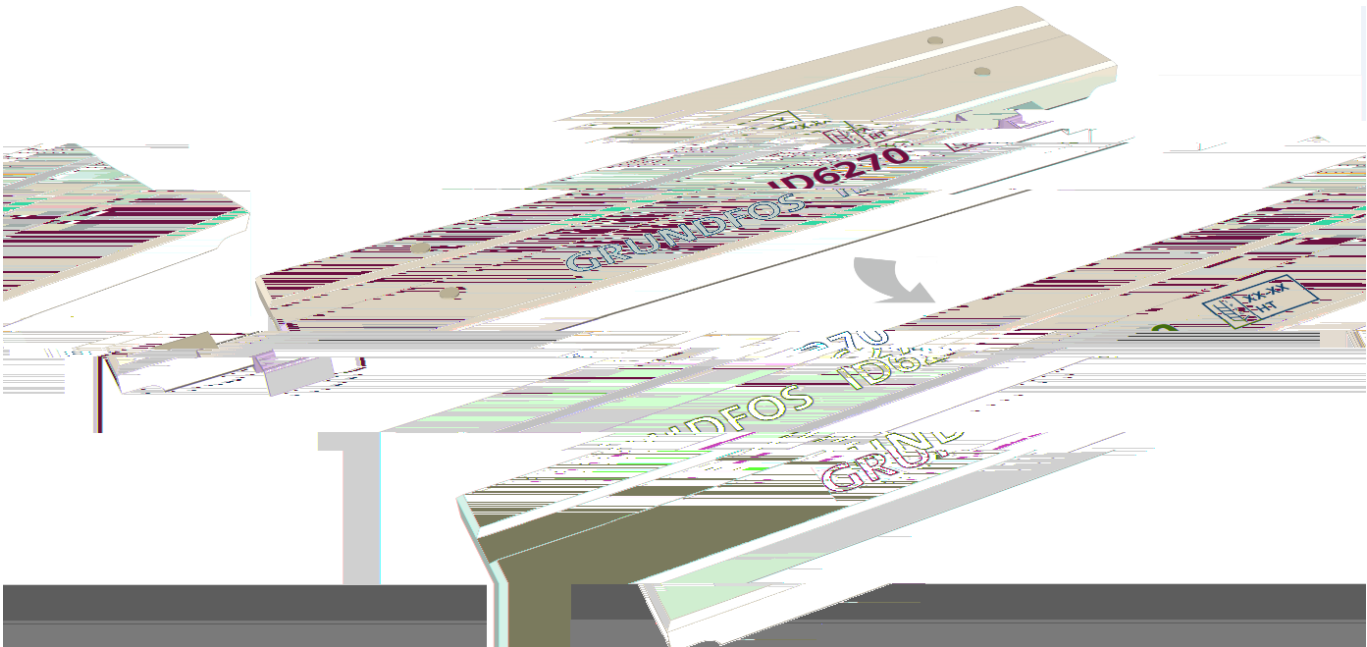


Figure 7

Construction:

800 x 150 x 32 mm.
bearer without steel fittings 800 x 115 x 26 mm.

Two 2 mm steel fittings
mm 560

Figure 5.

Marking:

	GRUNDFOS	ISPM
15	Section 4.2, Figure 2a, Fibure 2b	Figure 7

Conditions:

unfit

4.3 Return of pallets, frames , and bearers

4.3.1 Pallets

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section 4.2.1

Maximum 16 pallets are allowed in a stack see Figure 8.

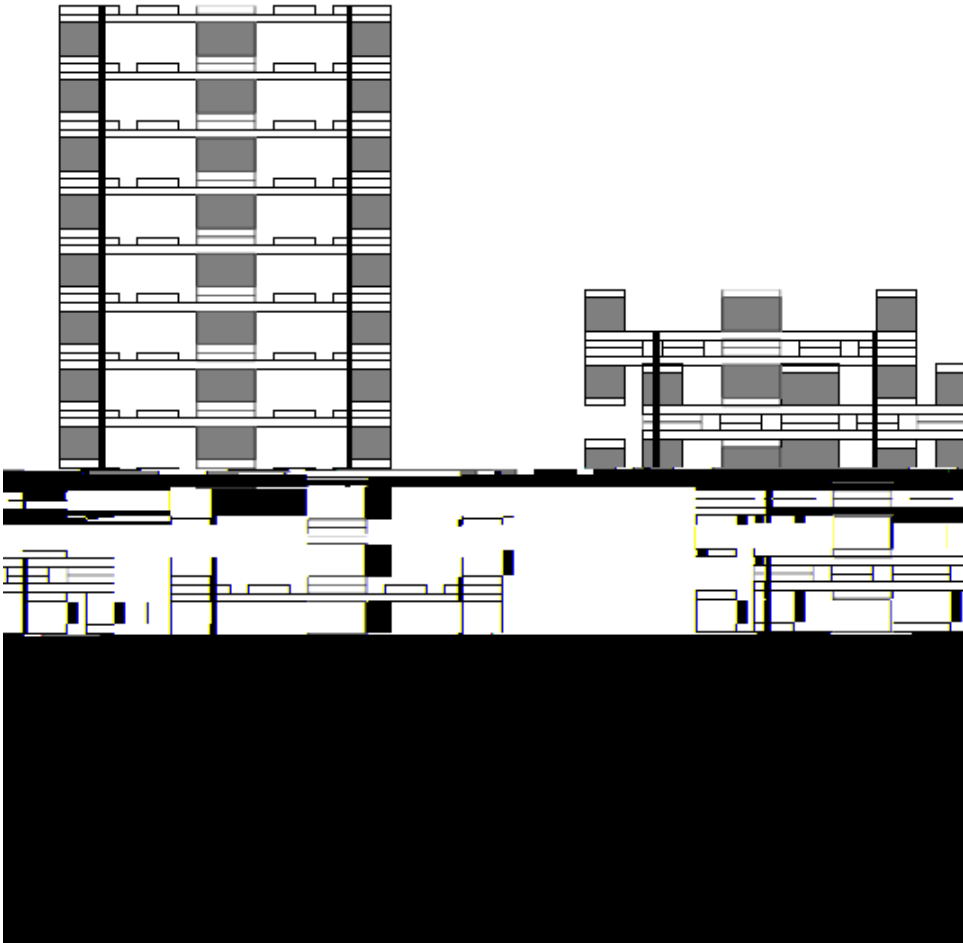


Figure 8.

4.3.2 Frames

section 4.2.2

section 4.2.2

five rows of twenty collars each are allowed - i.e. a total of 100 frames per pallet

Figure

9.



Figure 9.

4.3.3 Bearers

section 4.2.3

section 4.2.3

section 4.2.3



Figure 10.

5.0 Definitions

- DB
- EN
- EUR pallet
- HT
- IPPC
- ISO
- ISPM
- TP
- UIC

6.0 Records

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7.0 Changes from last revision

New Bearers purchased since 2016 will be without steel fittings. Both will be handled with the same product number 00ID6270

GS420P0001	
TVS report	
Technology Institut DK	

Figure 1+3+5+6+7

Figure 3+4+5

8.0 References

UIC Code 435-2	
UIC Code 435-4	
ISPM 15	
EN 13545	
GS 280A0011	
ISO 3166-1	
GS420P0001	
TVS report	
Technology Institut DK	

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