

# TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET8502A

HOLDER OF CERTIFICATE:  
**DESAPAC AB**

**RESPONSIBLE DISTRIBUTOR:** DESAPAC AB, Degrabo, Talldungen, 44791 Vårgårda, SWEDEN

722 kg max



## MARKING ON PACKAGING:

Each packaging intended for use according to the ADR shall bear markings which are durable, legible and placed in a location as to be readily visible. Letters, numerals and symbols shall be at least 12 mm high.

① **50CW/Z/MMYY/N/NET8502A - ID/1300/235**

|               |  |
|---------------|--|
| ①             | : The United Nations symbol  |
| 50CW          | : Natural wood, deviating design; walls of plastics foil   |
| Y             | : Packaging group III  |
| MMYY          | : To be replaced with the month and year (last two digits) of manufacture                            |
| N             | : Norway, the state authorizing the allocation of the mark   |
| NET8502A - ID | : Identification of the LP followed by "ID" to be replaced by the name or symbol of the manufacturer |
| 1300          | : The stacking test load in kg   |
| 235           | : The maximum permissible gross mass in kg   |

## PRODUCT:

| Description  | Material    |
|--|-------------|
| Large packaging of wood/ plywood with walls of 9 layers of plastics foil | LLDPE/ wood |



## DIMENSIONS:

| Volume, l | L*W*H, mm    | Drawing                              |
|-----------|--------------|--------------------------------------|
| 802       | 1222*820*801 | Photo, appendix 1, SP report P704765 |

**CLOSING MECHANISM:**

| Closure type  | Drawing                    | Material  | Description           |
|---------------|----------------------------|-----------|-----------------------|
| Plastic foil  | -                          | LLDPE     | 9 layer               |
| Packing Strap | -                          | Polyester | 4 straps              |
| Lid           | No. 0071, dated 29.02.2004 | Plywood   | 5 layer, 10mm plywood |

**OTHER PARTS:**

| Type                  | Weights, kg | Drawing                    | Material     | Dimensions              |
|-----------------------|-------------|----------------------------|--------------|-------------------------|
| Plastic box           | 2           | A0-4660.0100               | HDPE         | 601.5*401.4*200         |
| Plastic lid           | 0.8         | 4561.01                    | PP           | 611.5*411.7*23.5        |
| Fibre layers          | 3           | NO. 0051 dated 02.07.200   | Fibre wood   | 2 pc of 3.1mm thickness |
| Wooden pallet, type L | 22          | No. 0001, dated 28.11.2007 | Natural wood | 1225*815*138            |

**LEGISLATION:**

NET issues the certification on described product according to delegated authority from Norwegian Directorate for Civil Protection and Emergency Planning (DSB): Legal regulations for Transportation of Dangerous Goods on road and railway - 2023/4375 PRAX.

NET issues the certification on described product according to delegated authority from Norwegian Maritime Directorate (Sjøfartsdirektoratet) - 200705977-4/5367.1.

NET issues the certification on described product according to an agreement between Norwegian Civil Aviation Authority (Luftfartstilsynet) - 01.03.18 - 18/00114-8.

The approval is valid for a maximum of five years, provided no modifications have been made to the packaging design, materials, dimensions, closure system or manner of construction. This certificate is liable to withdrawal at any time, to ensure validation check the published version on the Internet ([www.net17025.com/Sertifisering/UN\\_ADR/cid/30758/](http://www.net17025.com/Sertifisering/UN_ADR/cid/30758/)).

Prior to reuse, UN-approved packaging intended for the transport of dangerous goods shall be inspected to confirm that it remains free from damage, corrosion, and contamination. Compliance with the original ADR type approval, including all applicable prototype test performance criteria, must be maintained. Packaging exhibiting any sign of reduced mechanical integrity shall be subject to reconditioning, repair, or be permanently withdrawn from use. All functional components - including closures, gaskets, and valves - must remain intact and operational to ensure continued conformity.

Packaging that no longer meets these conditions shall not be reused for the transport of dangerous goods in accordance with ADR 4.1.1.9.

**REGULATIONS BASED UPON FOR APPROVAL:**

UN Recommendations on the Transport of Dangerous Goods.

ADR, European Agreement concerning the International Carriage of Dangerous Goods by Road.

RID, International Regulations on Transport of Dangerous Goods by Rail.

IMDG, International Maritime Dangerous Goods Code, for sea transport.

ICAO, Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IATA, Dangerous Goods Regulations, for the air transport.

**TESTS CARRIED OUT:**

Prototype tests performed and approved according to the above regulations:

6.6.5.3.1 Bottom lift test

6.6.5.3.3 Stacking test

6.6.5.3.4 Drop test

**APPROVAL IS VALID FOR:**

The packaging shall always be used according to the requirement of the applicable UN-code and its packaging instruction.

**Content**

Solid substance that do not adversely affect the packaging materials

**DOCUMENTS BASED UPON FOR APPROVAL:**

| Report id. | Date       | Issued by | Scope             |
|------------|------------|-----------|-------------------|
| P704765    | 31.01.2008 | SP        | Type approval     |
| NET8502A   | 05.08.2015 | NET       | Selective testing |

**VALIDITY:**

The continued validity of the type approval requires that the holder of the certificate and/ or the manufacturer inform NET certification that has approved its type of packaging of any changes to the characteristics of the type or anything that can influence on the transport safety on the specific design so that it can be verified that the type of packaging continues to comply with packaging tested as base for the original type approval.

The validity of the type approval assume regular verification by means of periodic audits by NET in accordance with NET Doc 2: "Production control agreement". The packaging shall be manufactured, reconditioned and tested under a quality assurance program which satisfies NET Certification, in order to ensure that each packaging meets the requirements in ADR and the guidelines in NS-EN ISO 16106:2020.

**TEST STANDARD:**

All tests are performed in accordance with NET accredited test method ATM001. The test method is accredited in accordance with NS-EN ISO/IEC 17025:2017 approved by Norsk Akkreditering and according to NS-EN ISO 16495:2022.



BREVIK, NORWAY

**27.06.2025** CERTIFICATE IS VALID UNTIL:

**30.06.2030**


Mathias Werner  
Certification Officer



Rune Madsen Fink  
Control Officer

*Nordisk Emballasje Testing Certification*