

**TYPE APPROVAL OF PACKAGING FOR
TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET8501A**

HOLDER OF CERTIFICATE:
DESAPAC AB

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

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.

Ⓢ **4H2/YKG/S/YR/N/NET8501A - ID**

- Ⓢ : The United Nations symbol
- 4H2 : Plastics boxes, solid
- Ykg : Packaging group II and III, max gross mass in kg from content table
- S : Solids in inner packaging
- YR : To be replaced with the year (last two digits) of manufacture
- N : Norway, the state authorizing the allocation of the mark
- NET8501A - ID : Identification of the packaging followed by "ID" to be replaced by the name of the manufacturer

PRODUCT:

Description	Material
Plastic box performed and built as a fibreboard box	Corrugated polypropylene, details in report



DIMENSIONS:

Volume, l	L*W*H, mm	Drawings
57.3	765*382*196	12428A1
52.8	1198*393*109	001971-6
26.4	564*396*110	8501A-600

CLOSING MECHANISM:

#: Closure type
1: Self-locking

LEGISLATION:

The certificate 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. To ensure validation of the certificate, check the NET website.

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 - 06/6950-7/BJRU.

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.

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exhibiting any sign of reduced mechanical integrity shall be subject to reconditioning, repair, or be permanently withdrawn from use.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:

6.1.5.3 Drop test

6.1.5.6 Stacking test

APPROVAL IS VALID FOR:

The packaging shall always be used according to the requirement of the applicable UN-code and its packaging instruction, P135.

#: Content	Max.gross weight, kg
1: Pyrotechnical articles, UN0432	26
2: Pyrotechnical articles, UN0432	16
3: Pyrotechnical articles, UN0432	16

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET8501A2	01.03.2016	NET	Type approval
NET7301A	29.08.2012	NET	Type approval
NET85T01	15.03.2016	NET	Type testing, 16 kg

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 ISO 16106.

TEST STANDARD:

All tests are performed in accordance with NET accredited test method ATM001. The test method is accredited in accordance with ISO17025 approved by Norsk Akkreditering and based upon ISO16495.



BREVIK, NORWAY

04.01.2022 CERTIFICATE IS VALID UNTIL:**31.01.2026**

Mathias Werner
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification