

**TYPE APPROVAL OF PACKAGING FOR  
TRANSPORTATION OF DANGEROUS GOODS  
CERTIFICATE NO.: NET8509A**

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.

**Ⓢ 4G/Y15/S/YR/N/NET8509A - ID**

- Ⓢ** : The United Nations symbol
- 4G** : Fibreboard boxes
- Y15** : Packaging group II and III, max gross mass in kg
- 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
- NET8509A - ID** : Identification of the packaging followed by "ID" to be replaced by the name of the manufacturer

**PRODUCT:**

Description/ Method of manufacture/ Min. wall thickness
Fibreboard box, FEFCO 0422. Double wall board, glued manufacturer's joint, details in report. Min. wall thickness 4.0 mm.



**DIMENSIONS:**

Volume, l	L*W*H, mm	Drawing
34.2	530/340/190	V11Box-2054111

**CLOSING MECHANISM:**

#: Lid with tape or labels 2, 2.1 or 2.2	Producer	Drawings	Material
1: Lid	Details in report	840391	Details in report
2: Tape, 100mm over the edge, included 50 mm of the lid	Details in report	48*0.04 mm	PVC tape
2.1: Labels, 0.08 mm thick, one on each short side	-	"UN Sticker" 295*155 mm	Plastic
2.2: Labels, 0.08 mm thick, one on each long side	-	"UN Sticker" 295*155 mm	Plastic

**LEGISLATION:**

NET issues the certification on described product according to delegated authority from Norwegian 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.

**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:

6.1.5.2.3 Preparation of packaging, relativ humidity

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.

Content
Articles, safety devices UN 3268 or UN0503
Articles, Lithium ion batteries UN 3480, UN3481, UN3090 og UN3091

**DOCUMENTS BASED UPON FOR APPROVAL:**

Report id.	Date	Issued by	Scope
NET8509A2	18.12.2018	NET	Type approval
NET8509A	10.10.2018	NET	Type approval

**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

**03.01.2022** CERTIFICATE IS VALID UNTIL:**31.12.2028**

Mathias Werner  
Certification Officer



Rune Madsen Fink  
Control Officer

*Nordisk Emballasje Testing Certification*