TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET19003A

HOLDER OF CERTIFICATE:

AB Karl Hedin

1800 kg max

MANUFACTURER: Boardic AB, Sjötullsgatan 35, 602 28 Norrköping, 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. Each LP shall also be marked with maximum permitted stacking load according to ADR 6.6.3.3.1 (as shown in figure to right).

(un) 50D/Y/MMYY/N/NET19003A-ID/3240/600

(un)	: The United Nations symbol
50D	: Large Packaging, plywood
Y	: Packaging group II
MMYY	: To be replaced with the month and year, last two digits, of manufacturer
N	: Norway, the state authorizing the allocation of the mark
NET19003A - ID	: Identification of the LP followed by "ID" to be replaced by the name or symbol of the manufacturer
3240	: The stacking test load in kg
600	: The maximum permissible gross mass in kg

PRODUCT:

Description/ Method of manufacture	Drawings	Material
Screw-constructed plywood crate large packaging	Cube V7 (Clip) Rev.7	7 layers of plywood, Pine

DIMENSIONS:

Volume, l	Internal dimensions: L*W*H, mm	External dimensions: L*W*H, mm	Thickness, mm
444	834*772*675	862*800*840	9

NET AS
Blekebakkvegen 45
N-3950 Brevik

Telephone +47 900 17025
E-mail: info@net17025.com
Web: www.net17025.com

VAT No.: 990 793 840
Bank account: 6250.05.22351
GPS: 59°03'25'' N 9°40'70'' E

CLOSING MECHANISM:

Lid with alternative plastic straps	Producer	Drawings/ Description	Material
Lid	Karl Hedin	Cube V7 (Clip) Rev.7	7 layers of plywood, Pine
Plastic straps, 3 pc	Fromm Packaging Systems	16 * 1 mm	PET

INTERNAL PROTECTIV SYSTEM:

Type	Description
Fire blanket	For damaged or defective lithium-ion batteries, the battery shall be fully enclosed by a fire-resistant protective blanket or cloth meeting reaction-to-fire classification A1 or A2 according to EN 13501-1:2019, based on testing according to EN ISO 1182:2020. Equivalent materials may be used, provided that documentary evidence of compliance is available and that the packaging is otherwise closed and secured as tested

LEGISLATION:
NET issues this certification pursuant to delegated authority from the Norwegian Directorate for Civil Protection (DSB), in accordance with the Regulation of 1 April 2009 No. 384 on the land transport of dangerous goods, Chapter 6a (ref. 2023/4375 PRAX). NET is designated as the competent body for allocation of the UN mark on packagings, including IBCs and large packagings, as published by the United Nations (UNECE) list of competent authorities.
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.

REGULATORY BASIS 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

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APPROVAL IS VALID FOR:
The packaging shall always be used in accordance with the requirements of the applicable UN code and its relevant packaging instruction.

The large packaging covered by this certificate has been prepared and tested as for transport in accordance with the applicable requirements of ADR. The use of other packaging methods, components, or preparations than those described in this certificate may render the approval invalid.

Prior to reuse, all UN-approved packagings intended for the transport of dangerous goods shall be inspected to confirm that they remain free from damage, corrosion, and contamination. Compliance with the original ADR type approval, including all applicable prototype test performance criteria, must be ensured.
Packagings showing any sign of reduced mechanical integrity shall be subject to reconditioning, repair, or permanent withdrawal from service. All functional components - including closures, gaskets, and valves - must remain intact and fully operational to ensure continued conformity.
Packagings that no longer fulfil these requirements shall not be reused for the transport of dangerous goods, in accordance with ADR 4.1.1.9.

Approved Contents	Battery dimensions, mm	Max. battery weight, kg
One lithium ion-battery, UN3480 packed in accordance with packing instruction P903	685*735*600	570
One damaged or defective lithium-ion battery, UN 3480, packed in accordance with SP 376 and packing instruction P908 if fully enclosed by the specified fire blanket	685*735*600	570

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET19003A	11.12.2025	NET	Type approval
NET19002A	15.12.2025	NET	Type test, bottom lift
NET190TE03	09.06.2026	NET	Technical evaluation, blanket

VALIDITY:
This approval is valid for five (5) years, provided no modifications are made to the packaging design, materials, dimensions, closure system, or method of construction.
The certificate may be withdrawn at any time.
The published version on www.net17025.com/Sertifisering/UN_ADR/cid/30758/ shall always be considered the valid one.
The certificate holder/manufacturer must notify NET Certification of any changes that may influence transport safety.
Continued validity requires 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 programme meeting ADR requirements and 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.

NORSK AKKREDITERING TEST 259

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BREVIK, NORWAY **09.06.2026** CERTIFICATE IS VALID UNTIL: **31.12.2030**

Mathias Werner
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

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