TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET16701A

HOLDER OF CERTIFICATE:
BMW Group GmbH

3086 kg max

MANUFACTURER: TRANSpofix GmbH, Industriepark Erasbach B9, 92334 Berching, Germany

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).

50A/Y/MMYY/N
NET16701A-ID/5556/997

(un)	: The United Nations symbol
50A	: Large packaging, steel
Y	: Packaging group II
MMYY	: To be replaced with the month and year (last two digits) of manufacture
N	: Norway, the state authorizing the allocation of the mark
NET16701A - ID	: Identification of the LP followed by "ID" to be replaced by the name or symbol of the manufacturer
5556	: The stacking test load in kg
997	: The maximum permissible gross mass in kg

PRODUCT:

Description/ Material/ Method of manufacture	Drawing
A welded steel frame, primarily constructed from 40 and 60 mm square tubes, equipped with various 'cushions' to protect the battery from damage that may be caused by movement within the packaging	6217107 ZB EM KF 1. 05.07.24

DIMENSIONS:

Packaging weight, kg/ Volume, l	External dimensions: L*W*H, mm	Internal dimensions: L*W*H, mm	Min. wall thickness, mm
390/ 2013	2400 * 1670 * 670	2280 * 1590 * 561	0

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

SAFETY PARTS:

Pillows	Responsible distributor	Drawings/ Description	Material
13 in all, with different functions and design	Transpofix	Details in report	Rubber, details in report

LEGISLATION:
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/).

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.

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; LP903.

Content	Battery dimensions, L*W*H, mm	Battery weight, kg
UN3480, Lithium ion battery: BMW Germany UKL Modul	1990*1420*293	504
UN3480, Lithium ion battery: BMW Germany KKL Modul	2068*1420*293	605

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DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET16701A	14.08.2024	NET	Type approval
NET16701A2	01.10.2024	NET	Type test

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.

NORSK AKKREDITERING TEST 259

BREVIK, NORWAY **28.11.2024** CERTIFICATE IS VALID UNTIL: **30.11.2029**

Mathias Werner
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

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