

# **PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET2703A**


HOLDER OF CERTIFICATE:  
**Nammo Raufoss AS**

**MANUFACTURER:** Finnstadbru Kassefabrikk, N1930 Aurskog, Norway

## **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.

 **4D/Ykg/S/YR/N/NET2703A - ID**

	: The United Nations symbol
4D	: Plywood boxes
Ykg	: Packaging group II and III, and max gross mass 252 or 260 kg, see content table
S	: Intended for carriage of solids, here article in custom made interior
YR	: To be replaced with the year (last two digits) of manufacture
N	: Norway, the state authorizing the allocation of the mark
NET2703A - ID	: Identification of the packaging followed by "ID" to be replaced by the name/ symbol of the manufacturer

## **PRODUCT:**

Description	Material
Plywood box with lid and faith reinforcement edges, integral pallet suitable for mechanical handling	9 layers og plywood

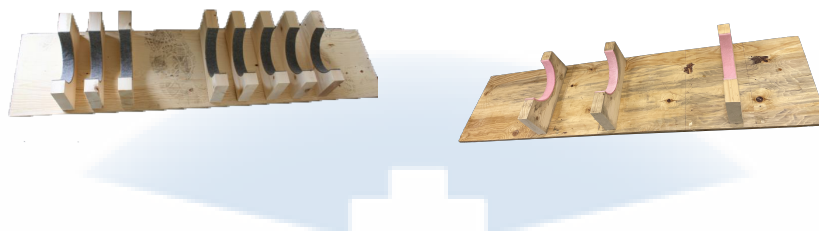


## **DIMENSIONS:**

#: Packaging weight, kg	Volume, l	L*W*H, mm	Drawing
1: 89	360	2004*400*449	7115046-E
2: 73	360	2004*400*449	4021396 ver. 4

### CLOSING MECHANISM:

Closure type	Producer	Drawings	Material
Lid	Finnstadbru Kassefabrikk	7115046-E	Plywood 9 layers
Lid	Finnstadbru Kassefabrikk	4021396 ver. 4	Plywood 9 layers



### 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:

6.1.5.3 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. The packaging has been considered and approved for explosives (class 1).

Content	Max. gross weight, kg	Packaging #
Solids	252	1
Solids, UN0281 ROCKET MOTORS, UN0186 ROCKET MOTORS	260	2

### DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET2703A2	17.11.2021	NET	Type approval, new type of interior
0108067 V.2	18.03.2013	Nammo	Type approval
0108067	21.08.2001	Nammo	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

**15.12.2021**

CERTIFICATE IS VALID UNTIL:

**31.12.2026**

Geir Morten Johansen  
Certification Officer



Rune Madsen Fink  
Control Officer

*Nordisk Emballasje Testing Certification*