

**TYPE APPROVAL OF PACKAGING FOR
TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET6711A**


HOLDER OF CERTIFICATE:
Emballator Ulricehamns Bleck AB

MANUFACTURER: Emballator Ulricehamns Bleck AB, Maskinvägen 10, SE-52321 Ulricehamn, Sweden
Emballator UK Ltd, Unit 1, City Link Industrial Estate, Phoenix Way, Bradford BD4 8JP, United Kingdom

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 6 mm high.

 **1A2/Y1.6 Z2.4/100/YR/N/NET6711A - ID**

 : The United Nations symbol
1A2 : Steel drums, removable head
Y1.6 Z2.4 : Packaging group II and III, and max relative density
100 : Intended for carriage of solids
YR : To be replaced with the year (last two digits) of manufacture
N : Norway, the state authorizing the allocation of the mark
NET6711A - ID : Identification of the packaging followed by "ID" to be replaced by the name of the manufacturer

PRODUCT:

| Description | Method of manufacture | Material |
|---|---|--------------------------|
| UN-pail 285 with two, one or none beads with conical design | A process that involves rolling and welding, triple seamed bottom | Steel sheet TS 275 (T57) |



DIMENSIONS:

| Volume, l / No of beadings | H*Ø, mm | Head/ Body/ Bottom, mm | Drawing |
|----------------------------|---------------|------------------------------------|---------|
| 10 / 0-2 | 212/225 * 285 | 0.43 / 0.36 or 0.38 / 0.36 or 0.38 | 6638-01 |
| 12/ 0-2 | 238/240 * 285 | 0.43 / 0.36 or 0.38 / 0.36 or 0.38 | 6639-01 |
| 15/ 1-2 | 295 * 285 | 0.43 / 0.36 or 0.38 / 0.36 or 0.38 | 6643-01 |

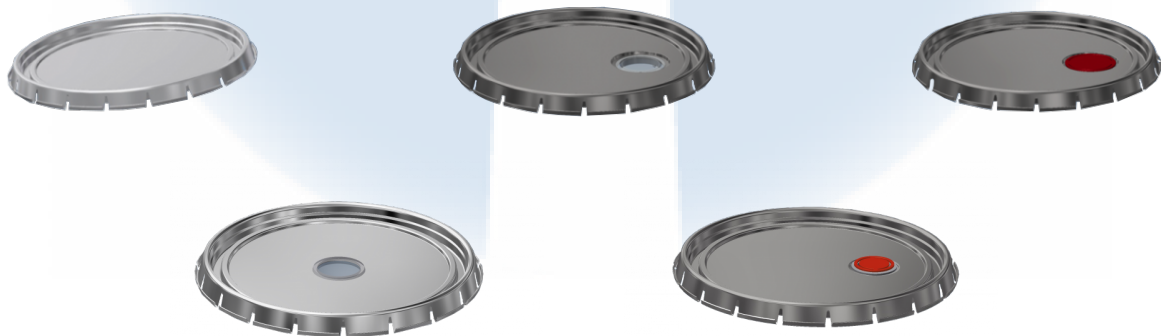
| | | | |
|---------|-----------|------------------------------------|---------|
| 20/ 1-2 | 372 * 285 | 0.43 / 0.36 or 0.38 / 0.36 or 0.38 | 6644-01 |
| 25/ 1 | 460 * 285 | 0.43 / 0.36 or 0.38 / 0.36 or 0.38 | 6645-01 |

MAXIMUM DEGREE OF FILLING IN LITER AT 15 °C, SHALL BE:

| Initial boiling point in °C | < 60 | >= 60 < 100 | >= 100 < 200 | >= 200 < 300 | >= 300 |
|-----------------------------|------|-------------|--------------|--------------|--------|
| Degree of filling in liter | 20.2 | 20.6 | 21.1 | 21.5 | 22.0 |

CLOSING MECHANISM:

| Lug lid | Producer | Drawings | Material | Gasket |
|----------------------------------|----------|------------------------------------|-------------|--------------|
| Serie 285 | EUB | 66210-01 | Steel sheet | PVC compound |
| with plastic closure HZB, side | EUB | 66206-01 (72mm) 66208-01 (94mm) | Steel sheet | PVC compound |
| with plastic closure S2, side | EUB | 66205-01 (72mm) 66207-01 (94mm) | Steel sheet | PVC compound |
| with plastic closure P2, side | EUB | 100634 (86 mm) | Steel sheet | PVC compound |
| with plastic closure HZB, center | EUB | 100458 | Steel sheet | PVC compound |
| with plastic closure S2, center | EUB | 100459 | Steel sheet | PVC compound |
| with 50 mm spout, center | EUB | 100604 | Steel sheet | PVC compound |



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 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.

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.

| | |
|---------|-------------------------------------|
| Content | Max. vapour pressure, kPa at +50 °C |
| Liquid | 114 |

DOCUMENTS BASED UPON FOR APPROVAL:

| Report id. | Date | Issued by | Scope |
|-------------|------------|-----------|----------------------|
| P004073 | 21.02.2000 | SP | Type testing |
| P302169 | 16.05.2003 | SP | Type testing |
| P502911A | 16.06.2005 | SP | Type testing |
| P503764 | 09.12.2005 | SP | Type testing |
| NET0325A | 30.05.2008 | NET | Technical evaluation |
| P900604 | 17.04.2009 | SP | Type testing |
| NET6711TE01 | 28.04.2009 | NET | Technical evaluation |
| NET67T01 | 06.07.2010 | NET | Type testing |
| NET6711A | 30.11.2012 | NET | Type testing |
| NET6711A-1 | 17.12.2013 | NET | Type testing |
| NET6711A2 | 15.04.2015 | NET | Selective testing |
| NET67TE11 | 25.02.2019 | NET | Technical evaluation |

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.

BREVIK, NORWAY

15.02.2024 CERTIFICATE IS VALID UNTIL:

28.02.2029



Mathias Werner
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

