

# TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET3224C

HOLDER OF CERTIFICATE:  
**DS Smith Packaging Sweden AB**

**MANUFACTURER:** DS Smith Packaging Sweden AB, Bangårdsgatan 2-4, SE-331 26  
Värnamo, 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.

④ **4G/YKG/S/YR/N/NET3224C - ID**

④ : The United Nations symbol  
4G : Fibreboard boxes  
YKG : Packaging group II, max gross mass in kg  
S : Intended for carriage of solids or inner packagings, see content table  
YR : To be replaced with the year (last two digits) of manufacture  
N : Norway, the state authorizing the allocation of the mark  
NET3224C - ID : Identification of the packaging followed by "ID" to be replaced by the name of the manufacturer

## PRODUCT:

| Description/ Method of manufacture | Manufacturer's joint | Material                                                    |
|------------------------------------|----------------------|-------------------------------------------------------------|
| FEFCO 0217, slotted type           | Glued                | Corrugated fibreboard, single wall board, details in report |



## DIMENSIONS:

| Box #: Volume, l | L*W*H, mm   | Drawing   | Thickness, mm |
|------------------|-------------|-----------|---------------|
| 1: 23            | 445*210*245 | V-5231711 | 4.0           |
| 2: 11            | 339*175*180 | V-5231711 | 4.0           |
| 3: 38            | 481*280*280 | V-5231711 | 4.0           |

**CLOSING MECHANISM:**

|                                    |
|------------------------------------|
| #: Closure type                    |
| 1: Folding, self locking           |
| 2: Standard tape (inner packaging) |

**INNER PACKAGING:**

| Type        | Material               | Dimensions         | # Packaging |
|-------------|------------------------|--------------------|-------------|
| Plastic bag | EBA (etenbutylacrylat) | Thickness: 0.08 mm | 1, 2        |
| Plastic bag | EBA (etenbutylacrylat) | Thickness: 0.12 mm | 3           |

**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.

**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 requirements of the applicable UN-code and its packaging instruction, and is restricted to the content specified below as documented in test report.

| #: Content                 | Max. gross weight, kg |
|----------------------------|-----------------------|
| 1: Solids in a plastic bag | 18                    |
| 2: Solids in a plastic bag | 8                     |
| 3: Solids in a plastic bag | 13                    |

**DOCUMENTS BASED UPON FOR APPROVAL:**

| Report id. | Date       | Issued by | Scope                |
|------------|------------|-----------|----------------------|
| P401592-14 | 23.06.2004 | SP        | Type approval        |
| NET3224A3  | 11.12.2014 | NET       | Type approval        |
| NET32TE45  | 17.09.2020 | NET       | Technical evaluation |

**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/](http://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.



BREVIK, NORWAY

02.10.2025 CERTIFICATE IS VALID UNTIL:

31.10.2030



Mathias Werner  
Certification Officer



Rune Madsen Fink  
Control Officer

*Nordisk Emballasje Testing Certification*