TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET3227C

HOLDER OF CERTIFICATE:

DS Smith Packaging Sweden AB

MANUFACTURER: DS Smith Packaging Sweden AB, Bangårdsgatan 2-4, SE-331 26 Värnamo, SWEDEN
DS Smith Packaging Sweden AB, Förrådsgatan 15, SE-542 35 Mariestad, SWEDEN

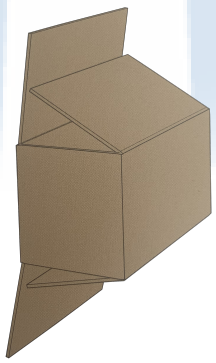
MARKING ON PACKAGING:
Each packaging intended for use according to the ADR shall bear markings which are durable, legible and placed in a location as to be readily visible. Letters, numerals and symbols shall be at least 6 mm high.

(un) 4G/XKG YKG/S/YR/N/NET3227C - ID

(un)	: The United Nations symbol
4G	: Fibreboard boxes
XKG YKG	: Packaging group I and II, max gross mass in kg, see content table
S	: Intended for carriage of 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
NET3227C - ID	: Identification of the packaging followed by "V" for Värnamo or "M" for Mariestad

PRODUCT:

Description/ Method of manufacture	Manufacturer´s joint	Material
FEFCO 0203, slotted type	Glued	Corrugated fibreboard, single wall board, details in report



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

DIMENSIONS:

Box #: Volume, l	Packaging group / Max gross weight	L*W*H, mm	Thickness, mm	Drawing
3: 11.9	II and III / 14 kg	250*170*280	4.0	SD21236
4: 8.0	II and III / 9 kg	250*140*230	4.0	SD20318
5: 3.1	II and III / 10 kg	300 *90*117	4.0	SD33172/ M68182
7: 8.0	II and III / 4 kg	250*140*230	4.0	SD21236
8: 11.9	II and III / 6 kg	250*170*280	4.0	SD20318
11: 6.0	I, II and III / 3 kg	260*120*192	4.0	FPS407497
16: 6.2	II and III / 11 kg	355*110*160	4.0	KD06096
18: 4.1	II and III / 7 kg	320*87*149	4.0	KD03761
20: 7.5	II and III / 13 kg	375*110*182	4.0	SD20322
21: 5.9	II and III / 10 kg	335*110*160	4.0	SD29048
22: 5.6	II and III / 9 kg	375*86*176	4.0	KD06514
23: 5.3	II and III / 9 kg	335*100*160	4.0	KD06096
25: 2.4	II and III / 4 kg	267*72*127	4.0	KD06098
26: 2.1	II and III / 3 kg	181*105*111	4.0	KD05296
27: 22.8	II and III / 5 kg	197*110*132	4.0	KD27460

CLOSING MECHANISM:

Closure type	Producer	Dimensions, mm	Material	Packaging #
Tape, "L-pattern", 70 mm over the edge, 20 mm from corner	Etab 810	0.12 * 50	Glasfibre reinforced	7,8,16,18
Tape, "L-pattern", 70 mm over the edge, 20 mm from corner	Tesa 4124	0.07 * 50	PVC	11,16,17, 18
Staples, 2*2, 25 mm from edge, centre 50 mm from corner	Josef Kihlberg	32/18 or Roll D/18	Steel	3,4,5,16,17,18
Staples, 2*2, 30 mm from edge, centre 50 mm from corner	Josef Kihlberg	32/15 or Roll D/15	Steel	18,20,21,22,23,25, 26,27

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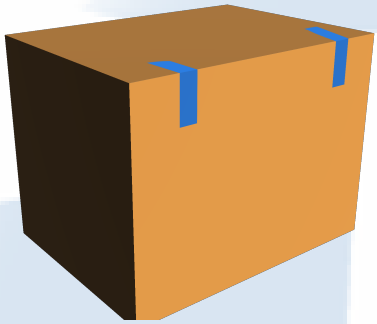

LEGISLATION:
NET issues this certification pursuant to delegated authority from the Norwegian Directorate for Civil Protection (DSB), in accordance with the Regulation of 1 April 2009 No. 384 on the land transport of dangerous goods, Chapter 6a (ref. 2023/4375 PRAX). NET is designated as the competent 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

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APPROVAL IS VALID FOR:
The packaging is valid for packaging group I, II and III containing liquid or solid substances that do not adversely affect the packaging materials.
Inner packaging #11 intended for liquids has been pressure tested at 95kPa according to IATA-DGR and ICAO-TI.

Content	Packaging #	Explosive approved	Packaging group
Solid	3,4,5,7,8	Yes	II and III
Liquid in inner packaging	11	No	I, II and III
Ammunition in inner packaging	16,18,20,21,22,23,25,26,27	Yes	II and III

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
P401592-22 #4	20.08.2004	SP	Type approval
P401592-24 #3	20.08.2004	SP	Type approval
P401592-61 #5	23.08.2004	SP	Type approval
P503155A #11	18.10.2005	SP	Type approval
P504863	16.03.2006	SP	Technical evaluation
PX12737 #20	10.08.2011	SP	Type approval / T.E.
NET32TE08 #16 and 18	26.08.2014	NET	Technical evaluation
NET32T02 #20-23, 25,26	03.09.2015	NET	Selective testing / T.E.
NET32TE14 #18	18.09.2015	NET	Technicial evaluation
NET32TE26 #27	26.06.2017	NET	Technicial evaluation
NET32TE47	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/ 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 **31.01.2026** CERTIFICATE IS VALID UNTIL: **31.01.2031**

Mathias Werner
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

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