



**PRODUCT APPROVAL OF PACKAGING
FOR
TRANSPORTATION OF DANGEROUS GOODS**

CERTIFICATE NO.: NET0210A

Holder of certificate: Promens AS, Kambo Packaging

Manufacturer: Promens AS, Kambo Packaging
Box 3054, (Brevikveien 535)
N-1506 Moss
NORWAY

Product:

Packaging code	Description	Product identification	Material
3H1	Plastics jerrican with non-removable head	Jerrican, 5 litre, product name: Euro, Drawing nr. A1-149-E	HDPE, Borealis BL1481

Closing mechanism:


#	Closure type	Product identification	Material	Gasket	Closing torque
1	Screw cap	40-900 Drawing no: 11520 Emballator Växjö Plast AB	HDPE Basell, GD6250	Cone Sealing	10 Nm
2	Screw cap	40PMO Drawing no: 40PMO Modulpac AB	HDPE ExxonMobil HYA600	Expanded PE	8 Nm
3	Screw cap	40PM Drawing no: 40PM Modulpac AB	HDPE ExxonMobil HYA600	Cone Sealing	8 Nm
4	Screw cap	P-6557 Drawing no: 10165 Promens AS, Kambo Packaging	HDPE Borealis MG9641S	Cone sealing	10 Nm

Photo:



Dimensions:

Packaging weight, g	Volume, litre	Height, mm	Width, mm	Length, mm
160-168	5	290	128	190
190-200	5	290	128	190
135-142	4	246	128	190
160-168	4	246	128	190

Marking on packaging:  **3H1/Y1.8/100/YR/N/NET0210A – ID**

"YR" to be replaced with the two last digits of the year.
 "ID" to be replaced by any identification as decided by the manufacturer.
 The packaging shall also be appropriately marked with the month of the manufacture.

Approval:

NET issues the certification on described product according to delegated authority from Norwegian Directorate for Civil Protection and Emergency Planning (DSB): Legal regulations on Transportation of Dangerous Goods on road and railway § 11-1, 7th segment.
 NET issues the certification on described product according to delegated authority from Norwegian Maritime Directorate (Sjøfartsdirektoratet) RSR-13-2008 (02.09.2008).

Regulations based upon for approval:

ADR, European Agreement concerning the International Carriage of Dangerous Goods by Road.
 RID, International Regulations on Transport of Dangerous Goods by Rail.
 COTIF, Convention concerning International Carriage by rail.
 UN Recommendations on the Transport of Dangerous Goods.
 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.

Approval is valid for:

Liquid substances that do not adversely affect the packaging materials.
 Compatibility testing has been carried out according to ADR/RID with the standard liquids listed below. Permeability test has been carried out according to ADR 6.1.5.7.

Closure	Packaging group	Standard liquid	Max. relative density	Max. vapour pressure, kPa at +50°C
1,2,3,4	II and III	water	1.8	114
1,4	II and III	acetic acid	1.1	114
1,4	II and III	white spirit	1.0	114

Documents based upon for approval:

Report id.	Date	Issued by	Scope
RCU01001	01.03.2001	Borealis	Type testing
SSGU05001	15.10.2002	Borealis	Type testing
NET0406A	30.01.2008	NET	Type testing
NET02T03	06.08.2010	NET	Type testing

Lerum, Sweden: 15.08.2010
Certificate is valid until: 30.08.2015


Susanne Dahlberg
 Certification Officer



Rune Madsen Fink
 Control Officer

Nordisk Emballasje Testing AS
Certification