



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

**CERTIFICATE NO.: NET0405D**

**Holder of certificate:** Promens AS, Kambo Packaging

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

| <b>Product:</b> | <b>Packaging code</b> | <b>Description</b>                        | <b>Drawings</b>   | <b>Material</b>       |
|-----------------|-----------------------|---|---|-----------------------|
|                 | 3H1                   | Plastics jerrican with non-removable head | Jerrican, 25 litre, product name: ODD, Drawing nr. AO-002-E | Borealis HDPE, BL0521 |

| <b>Closing mechanism:</b> | <b>Closure</b>         | <b>Producer</b>      | <b>Product name</b>     | <b>Material in cap</b>                 | <b>Gasket</b> | <b>Closing torque</b> |
|---------------------------|------------------------|----------------------|-------------------------|--|---------------|-----------------------|
|                           | Screw cap              | Promens Klaukkala OY | Drawing no.: SK61/16-OV | Lupolen 4261A or Borealis HDPE, BL1481 | PE foam       | 20 Nm                 |
|                           | Screw cap with venting | KTH                  | Drawing no.: V6124      | Lupolen 4261A or Borealis HDPE, BL1481 | PE foam       | 20 Nm                 |

**Photo:**



| <b>Dimensions:</b> | <b>Neck size, mm</b> | <b>Packaging weight, g</b> | <b>Volume, litre</b> | <b>Height, mm</b> | <b>Width, mm</b> | <b>Length, mm</b> |
|--------------------|----------------------|----------------------------|----------------------|-------------------|------------------|-------------------|
|                    | 60                   | 1350                       | 25                   | 433               | 260              | 295               |
|                    | 60                   | 1176                       | 20                   | 365               | 260              | 295               |
|                    | 60                   | 1004                       | 15                   | 290               | 260              | 295               |

**Marking on packaging:**  **3H1/Y1.4/100/YR/N/NET0405D – 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.  
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.

The packaging shall always be used according to the requirements of the applicable UN-code and its packaging instructions.

| Packaging groups | Content/standard liquid  | Max. relative density | Max. vapour pressure, kPa at +50°C |
|------------------|--|-----------------------|------------------------------------|
| II and III       | Test has been done with nitric acid 62%, UN2031. Approval is done for the upper limit of the packaging weight with cap drawing SK61/16-OV. The permitted use of plastics jerricans as single packagings shall be two years from their date of manufacture. | 1.4                   | 100                                |

**Basis for certification:** Replacing SP 11 42 23

**Documents based upon for approval:**

| Report id. | Date       | Issued by | Scope        |
|------------|------------|-----------|--------------|
| P204854A   | 12.12.2002 | SP        | Type testing |
| P204854B   | 04.06.2003 | sp        | Type testing |

**Porsgrunn:** 06.05.2009

**Certificate is valid until:**

**30.11.2013**



**Geir Morten Johansen**  
Certification Officer



**Rune Madsen Fink**  
Control Officer

**Nordisk Emballasje Testing AS**  
**Certification**