

# Waterproofing membrane EKOTEN 915

TL 5-1015-09

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## Product description

EKOTEN 915 is a waterproofing membrane made of high density polyethylene (PE-HD), type T according to Standard ČSN EN 13967:2005/A1:2007.

## Usage

EKOTEN 915 is identified for the clamped waterproofing:

- waterproofing of waste depony and reservoirs of aggressive liquid,
- waterproofing of handling areas, oil-, petrol- and accidental leakage sumps,
- waterproofing of bottom part buildings due to humidity, water, including pressure water and radon.

## Application

EKOTEN 915 is applied conformable with fundamentals set and described in the Construction and Technological Prescription of the Producer being valid in the time of waterproofing providing. EKOTEN 915 can be mutual joined by welding heat key or extrusion welding (by additional material). The laying and joining can be made under the temperatures above -10 °C.

## Product data

EKOTEN 915 meets the requirements of the Standard ČSN EN 13967:2005/A1:2007.

### Dimensions:

Thickness [mm] (EN 1849-2)	Width [mm] (EN 1848-2)	Length [m] (EN 1848-2)	Quantity [m <sup>2</sup> ] *)
1.00 ± 0.10	1000 - 1300 ± 0.10	40 (-0, +2)	52
1.50 ± 0.15		27 (-0, +1.3)	35
2.00 ± 0.20		20 (-0, +1)	26

### Colour:

EKOTEN 915 is produced in a colour of black.

### Packing, transport, storage:

EKOTEN 915 is packed into the rolls, which are laid on the wood pallets and fixed by a packing film. EKOTEN 915 must be transported in covered transporting means and stored in original closed packing. The recommended storage temperature is from -10 °C to +40 °C. There is necessary to protect the product from pollution at the building site. There is recommended to protect it from weathering influences till the processing time.

Technical parameters:

Characteristic	Test standard	Value
Watertightness, 2 kPa *)	EN 1928 method B	meets
Resistance to static loading	EN 12730 method B	meets 20 kg
Tensile strength	EN 12311-2	≥ 900 N/50 mm
Elongation at break	method A	≥ 700 %
Durability of watertightness ageing artificial ageing, 60 kPa	EN 1296 EN 1928	meets
Durability of watertightness ageing chemicals, 60 kPa (Ca (OH) <sub>2</sub> ; 10% NaCl)	EN 1847 EN 1928	meets
Durability of watertightness ageing petroleum products, 60 kPa (petroleum, gasoline, engine oil)	EN 1847 EN 1928	meets
Impact resistance	EN 12691 method A	meets 1250 mm
	EN 12691 method B	meets 1000 mm
Tear resistance	EN 12310-1	≥ 600 N
Foldability at low temperature	EN 495-5	meets -25 °C
Joint strength	EN 12317-2	≥ 800 N/50 mm
Reaction to fire	EN 13501-1	Class F
Water vapour transmission - factor μ	EN 1931	≥ 800000
Straightness	EN 1848-2	≤ 50
Visible defects	EN 1850-2	meets
Diffusion radon coefficient in isolation D (informative value)	K 124/02/95 ČVUT Praha	3,8 · 10 <sup>-12</sup> m <sup>2</sup> ·s <sup>-1</sup>

### Safety instruction

#### Scrap disposal

EKOTEN 915 must be disposed conformable with valid legal regulations. The clear scrap can be recycled, scrap not suitable for recycling you can depony. Waste, polluted by dangerous substances, is necessary to dispose by burning in the incinerator of dangerous wastes.

#### Safety at work and health protection

There is necessary to keep all safety, hygienic and fire regulations valid in the time of laying and membrane joining.

#### Related documentation

- Construction and technologic regulation of waterproofing system FATRAFOL-H
- Manufacturing control system certificate No. 1390-CPD-0069/10/Z of waterproofing membrane EKOTEN 915 according to ČSN EN 13967:2005/A1:2007 emitted by CSI, a. s., Prague, workstation Zlín

#### Producer

Fatra, j.c., T. Bati 1541, 763 61 Napajedla, Czech Republic  
 tel.: +420 577 50 1111 (2263) e-mail: fatrafol@fatra.cz  
 fax: +420 577 50 5555 (2253) http://www.fatra.cz