

# VIATENE BVP-N

## Description

Viatene BVP-N is a self-adhesive bituminous waterproofing membrane that forms a total barrier against vapour.

The product consists of a self-adhesive low-thickness bituminous compound, self-protected by a reinforced aluminium foil and a fibreglass net.

The so composed film makes the membrane resistant to heavy worksite traffic and suitable for applications that involve high mechanical stresses.

## Application fields

Total Vapour Barrier for applications on metal decks ;

Total Vapour Barrier for composite multilayer insulation systems;

Carrier membrane for composite multilayer insulation systems.

Provides a surface on which most polyurethane adhesives and liquid waterproofing systems will adhere strongly

## Surface preparation

All surfaces on which Viatene BVP-N Waterproofing membranes have to be installed must be dry, clean, smooth and free of impurities.

If the surface is porous, apply a coat of Primer in a quantity of 75 - 150 g/sqm.

The use of Primer is in any case advisable, and the manufacturers instructions must be followed.

A wrong use of Primer can influence the membrane efficiency.

## Packaging

Standard Lengths: 40 m \*

Standard Thicknesses: 0.6 mm \*

Standard Width: 1080 mm \*

Other lengths and thicknesses are available on request. The rolls are packed individually in cardboard boxes and placed on pallets.

## Storage

The quality and the characteristics of the materials remain unaltered for a long period of time.

However, it is recommended to use the product within 12 months from production date.

The product must be stored in the original and unopened packaging in a dry and well ventilated place at a temperature between + 5 °C and + 40 °C.

Storage above 50 °C may lead to difficulties in removing the release liner when applying.

The product is not affected by frost.



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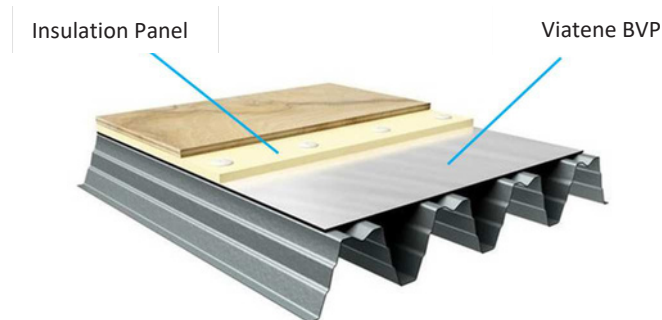


MAIN CHARACTERISTIC	VALUE	TEST
Thickness (mm)	0.6*	EN 1849-1
Tensile Strength L / T (N/50mm)	800/800	EN 12311-1
Elongation at Break L / T (%)	5 / 5	EN 12311-11
Tear Resistance L / T (N)	200 / 200	EN 12310-1
Peel Resistance of joints (N/50mm)	40	EN 12316-1
Shear Resistance of joints L / T (N/50mm)	400 / 400	EN12317-1
Impermeability	Pass ( $\geq 60\text{KPa}$ )	EN 1928
Water Vapour Impemeability	Pass ( $S_d \geq 1500\text{m}$ )	ISO EN 12572
Reaction to fire	E	EN 13501-1
Application Temperature (°C)	5 ÷ 45	
Service Temperature (°C)	-40 ÷ 80	
Total Volatile Organic Compound emission ( $\mu\text{g}/\text{m}^3$ )	8	ISO 16000-6

\*The product dimensions may vary within defined ranges because of the product characteristics and its manufacturing process.

**Complying with EN 13969 type A and T; EN 13970; EN 13707**

**Fig. 1 – Viatene BVP-N**



**Fig. 2 - Vapour Barrier on Metal Shield**

