

# KISCOTE PVT

## Synthetic Waterproof Membrane

### DESCRIPTION

KISCOTE PVT is a homogenous unreinforced synthetic membrane and is produced by co-extrusion process from polyvinylchloride (PVC), plasticizers and additives.

Lap joints of KISCOTE PVT are addressed by welding using hot air welding equipment.

The coloured side of the membrane (yellow or other bright colours) allows detection of damages to the membrane, if any, in the process of construction or by other trades. KISCOTE PVT are not meant to be used as an exposed product.

### RECOMMENDED USES

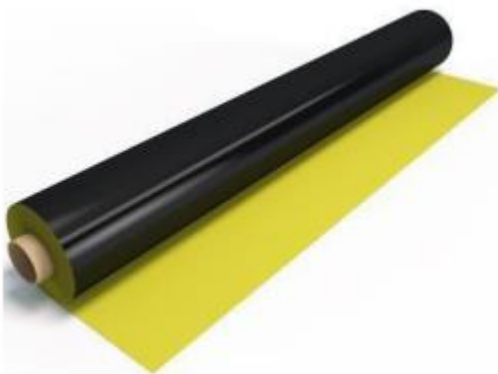
- Bridgeworks
- Tunnels
- Basement of buildings and structures

### ADVANTAGES

- Bright coloured layer for easy inspection
- Safe and non-heat installation method
- High tensile strength
- Simple to operate and fast weld-ability
- Non-toxic
- Functional at various temperature range

### PACKAGING

KISCOTE PVT is supplied in the following dimension;



1.5mm OR 2.00MM (thick)  
2.05 metre (wide) x 20.0 metre (long)



## **APPLICATION METHOD**

- KISCOTE PVT should be welded using hot air produced by automatic welding equipment.
- Contact with all materials containing bitumen or solvents should be avoided
- Direct contact with polymeric materials made of polystyrene (EPS, XPS) is not allowed

## **STORAGE**

KISCOTE PVT should be stored in sealed original packing in dry enclosed area, in horizontal position, no more than three rolls in height.

## **HEALTH & SAFETY**

Refer to SDS for further information.

## **TECHNICAL PROPERTIES**

KISCOTE PVT		
Characteristics	Performance	Test Method
Reaction to fire	Class E	EN 13501-1
Watertightness	Pass (24h/60kPa)	EN 1928 B
Tensile Strength, longitudinal/transversal	$\geq 16\text{MPa}$ / $\geq 15\text{MPa}$	EN 12311-2
Resistance to static loading	$\geq 20\text{kg}$	EN 12730 B
Impact resistance (rigid sub) / (soft)	1,5 mm: $\geq 700\text{ mm}$ / $\geq 1000\text{ mm}$ 2,0 mm: $\geq 1400\text{ mm}$ / $\geq 1800\text{ mm}$	EN 12691
Tear Resistance	$\geq 150\text{ N}$	EN12310
Joint Strength	$\geq 700\text{ N}$ / 50mm	EN 12317-2
Durability - Watertightness after artificial ageing	Pass (>90 days)	EN 1296; EN 1928 B
Durability - Watertightness after exposure to chemical;s	Pass (>90 days)	EN 1847: EN 1928 B
Dangerous substances	NPD	
Elongation	350%, not less than	EN 12311-2
Density	1,5 mm: $2.0\text{ kg/m}^2$ 2,0 mm: $2.7\text{ kg/m}^2$	EN 1849-2

### **IMPORTANT NOTES**

Any information and/ or specification contained herein is to the best of the company knowledge, true and accurate, it is always recommended that trial to be carried out to confirm suitability of use for all products, as no warranty is given or implied in connection with any recommendations and/or suggestions made by the company representatives, agents and/or distributors.

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