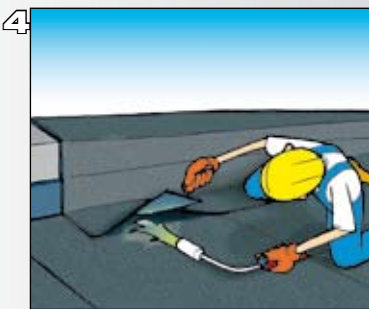


[illegible]

## How to apply



## Sizes & packing\*

Description	P 4 mm + POLYPROPYLENE	PA 5 kg/m²
Rolls size (m)	10 x 1	8 x 1
Rolls per pallet	20	23
Square meters per pallet	200	184

\*Sizes & packing may vary depending on the type of transportation. The technical data given is based on average values obtained during production. Pluvitec reserves the rights to change or modify the nominal values without prior notice or advice.

## PLURA R

### Application & recommendations

- Clean the application surface.
- Apply by gas or hot air torch a 25 cm strip along all the vertical up stands.
- Position the membrane always starting from the lowest point, in order to have all the overlaps with the slope.
- Apply and position the membranes staggered to avoid creating areas where the membrane overlap against the slope and in the direction of the drains.
- Cut the corners of the membrane which will be applied under the next sheet with a 45° angle.
- After having positioned the roll, re-roll the material for half of its length and begin application; repeat the same operation for the remaining half of the roll. (Fig. 1)
- It is necessary to heat the entire surface, except the overlaps, of the lower face to obtain a full adhesion to the application surface.
- During the application by torch, the material needs to be heated to a point where the compound starts to flow in such a way that it fully saturates the application surface. The melted flow of compound obtained by torching is the R mass. (Fig. 2)
- Torch the side laps (10 cm) and head laps (15 cm) with a torch for overlaps. During this stage the overlaps should be pressed by using a roller (15 kg) from which a bead of compound should flow. Do not iron the overlaps. (Fig. 3)
- Apply the membrane on the verticals making sure that they overlap on the horizontal surface at least 10 cm, make sure that they are fully bonded using a trowel to squeeze a bead of compound from underneath. (Fig. 4)
- The height of the vertical must be equivalent or superior to the finished surface by at least 15 cm.

### Technical data

Technical Characteristics	Measure Units	Reference Norm	P	PA	Tol.
Type of reinforcement			Single strand polyester		
Upper face finish			Polypropylene	Mineral	
Lower face finish			P.E. film		
Length	m	EN 1848-1	10 -1%	8 -1%	
Width	m	EN 1848-1	1 -1%		
Thickness	mm	EN 1849-1	4		-5%
Mass	kg/m²	EN 1849-1		5	-10%
Cold flexibility	°C	EN 1109	-10		
Flow resistance	°C	EN 1110	130		
Flow resistance after ageing	°C	EN 1296	120		-10%
Artificial U.V. ageing		EN 1297	pass		
Shear resistance L/T	N / 5 cm	EN 12317-1	500/400		-20%
Tensile strength L/T	N / 5 cm	EN 12311-1	600/500		-20%
Elongation at break L/T	%	EN 12311-1	35/35		-15
Tearing resistance L/T	N	EN 12310-1	150/150		-30%
Static puncture resistance	kg	EN 12730	15		
Dynamic puncture resistance	mm	EN 12691	900		
Dimensional stability	%	EN 1107-1	0,3	0,3	
Loss mineral	%	EN 12039	30		
Fire resistance		EN 13501-5	F ROOF		
Fire reaction		EN 13501-1	F		
Tensile strength after ageing L/T	N / 5 cm	EN 1296		NPD	-20%
Elongation at break after ageing L/T	%	EN 1296		NPD	-20%
Impermeability after artificial ageing	Kpa	EN 1296	60	60	
Watertightness	Kpa	EN 1928	60		

technical data sheet



583/1/05-2007/1.500 - www.studialec.it