

## . FILTERING AND STABILIZATION COMPONENT

### Supply and installation of:

**DAKU STABILFILTER SFI**, which is a non-woven geotextile in polypropylene fibers. It is 1.50 mm thick (EN 9863-1), needled and ironed without glues or chemical elements. **DAKU STABILFILTER SFI comply with the UNI 11235:2015 standards.** It is used as a separation layer and as a filter between the drainage/storage components (DAKU DRAIN/FSD) and the DAKU LAPILLO filling layer or the DAKU ROOF SOIL components on the intensive gardens. DAKU STABILFILTER SFI divides and distributes water, allowing the DAKU ROOF SOIL substrate to gradually absorb it.

### Technical data:

- Roll dimensions	2,00 x 50 m (100 m <sup>2</sup> )	
- <b>Areal mass density</b>	<b>260 gr/m<sup>2</sup>. (+/-10%)</b>	<b>(EN ISO 9864)</b>
- Thickness at 2 kPa	1,50 mm (+/-20%)	(EN ISO 9863-1)
- Tensile strength:		
Vertical	21 Kn/m (-10%)	(EN ISO 10319)
Horizontal	21 Kn/m (-10%)	(EN ISO 10319)
- Elongation at break:		
Vertical	65% (+/-30%)	(EN ISO 10319)
Horizontal	70% (+/-30%)	(EN ISO 10319)
- Deformation at working load (long.-trasv.)	<20%	
- Resistance to static punching	3.200 N (-10%)	(EN ISO 12236)
- Resistance do dynamic punching	14 mm (+20%)	(EN ISO 13433)
- <b>Speed rating</b>	<b>75 mm/s (-30%)</b>	<b>(EN ISO 11058)</b>
- Horizontal flow capacity	2,30 x 10 <sup>-3</sup> l/ms (-30%)	(EN ISO 12958)
- <b>Pores openness</b>	<b>0,07 mm (+/-30%)</b>	<b>(EN ISO 12956)</b>
- Resistance to oxidation	25 years minimum	(EN ISO 12956)

DAKU STABILFILTER SFI is installed on the DAKU DRAIN or FSD components, surmounting the sheets of about 10 cm and folding them on the vertical edges of the surface for a height equal to the thickness of the DAKU LAPILLO filling layer or of the DAKU ROOF SOIL substrate.

**m<sup>2</sup> 0,00**



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