DAKU
LA NATURA SUL TETTO

DAKU FLT components are geotextiles used as a filling layer during the installation of rooftops gardens with multiple substrates.
They are laid before the DAKU FSD component and in certain conditions they can reduce the speed of the drained water, thus enhancing the outflow coefficient. There are three versions of the DAKU FLT components: “120” with a density of 120 gr/m2 and a thickness of 0.80 mm; “300” with a density of 300 gr/m2 and a thickness of 1.60 mm; “800” with a density of 800 gr/m2 and a thickness of 3.50 mm. All DAKU FLT geotextiles are made of a white non-woven fabric in polypropylene.
The fabric is needled, calendered, glue-free and highly resistant to micro-organisms.

DAKU FLT 120 is used as a filling layer and as a protection layer between the waterproof/insulation surface (or paved surface/protection blocks) and the DAKU DRAIN/ DAKU FSD components, wherever it may be necessary.

DAKU FLT 300 is used as a filling layer and as a protection layer on the waterproof surface wherever some extra protection is needed or to reduce the outflow coefficient of the coverings.

DAKU FLT 800 is used as a filling layer and as a protection layer wherever some heavy protection is needed. It can also serve as an additional water reserve and to reduce the outflow coefficient of the coverings.

FILLING LAYER
WATERPROOF SURFACE PROTECTION

DAKU FLT 120 and DAKU FLT 300 are supplied in rolls of 100 m2 each, 2x50 m wide. DAKU FLT 800 is supplied in rolls of 60 m2 each, 2x30 m wide.

FLT 120 - 300 - 800

PRODUCTS

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rev. 09-2019

METHOD OF INSTALLATION

DAKU FLT geotextiles are installed directly on the insulation/waterproof surface, overlapping the sheets for 10 cm and folding them on the vertical edges of the surfaces for a height equal to the one of the DAKU FSD/DAKU DRAIN components or of the paved surface/protection blocks.

TECHNICAL DATA

	FLT 120	FLT 300	FLT 800	Tolerance %
Roll dimensions	2,00 x 50 m (100 mq)	2,00 x 50 m (100 mq)	2,00 x 30 m (60 mq)	-
Color	white			-
Areal mass density (ISO 9864)	120 gr./mq	300 gr./mq	800 gr./mq	+/- 10%
Thickness at 2 kPa (ISO 9863-1)	0,80 mm	1,60 mm	3,50 mm	+/- 20%
Tensile strength (ISO 10319) - vertical - horizontal	9,0 KN/m 9,0 KN/m	2,5 KN/m 2,7 KN/m	6,5 KN/m 9,0 KN/m	- 10% - 10%
Elongation at break (ISO 10319) - vertical - horizontal	55 % 60 %	50 % 60 %	80 % 90 %	+/- 30% +/- 30%
Resistance to static punching (ISO 12236)	1.500 N	500 N	1.800 N	- 10%
Resistance do dynamic punching (ISO 13433)	32 mm	40 mm	2 mm	+ 20%
Speed rating (EN ISO 11058)	115 mm/s	60 mm/s	20 mm/s	- 30%
Horizontal flow capacity (EN ISO 12958)	0,80 x10-3 l/ms	2,70 x10-3 l/ms	8,00 x10-3 l/ms	- 30%
Pores openness d=90% (EN ISO 12956)	0,11 mm	0,055 mm	0,035 mm	+/- 30%
Resistance to oxidation (EN ISO 12956)	Minimum 25 years			-

The product is made up exclusively of recyclable components

CE conformity in accordance with Directive 89/106/CEEE

The technical data given in this data sheet are average values of production and the product description. DAKU ITALIA Srl reserves the right to make any changes at any time, for an improvement of the product: the user is required to verify to have the updated data sheets.

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