

DAKU DRAIN G450 is a draining geocomposite with high quality of filtration and drainage.

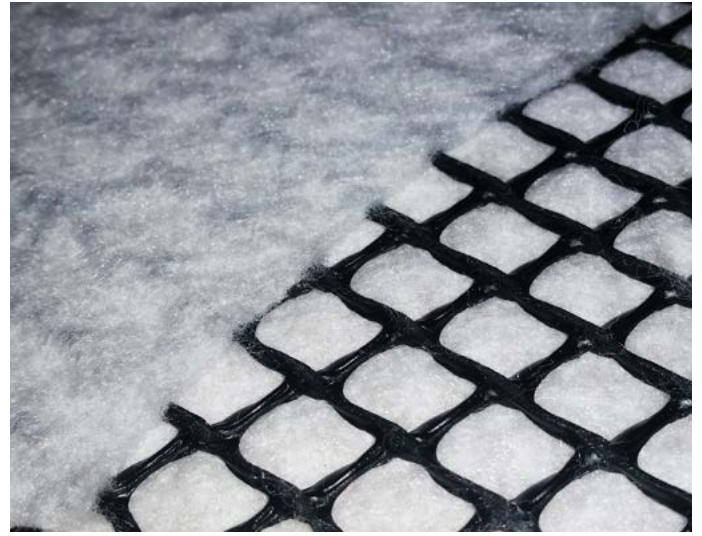
Composed of a draining core consisting on a geonet of a HDPE with structure having two orders of filaments with high indices of the voids, coupled on both sides with non-woven polypropylene geotextiles, 120 gr/m<sup>2</sup> and 140 gr/m<sup>2</sup>.

Its structure allows the realization of a complete compact system "filter-drainage-protection", lightweight, durable and functional.

With its thickness of approx. 5 mm allows the distribution of the loads placed on its top. Due to its performance, is used on the green roof to increase the drainage, both horizontally and vertically, on any type of surface, or as a draining element for paved areas, which require a drainage in continuity with adjacent green areas.

To this purpose, it can be used below curbs or containment walls installed, or to realize drains beneath screeds.

DAKU DRAIN G450 – PE is a special version, which differs because of the implementation of the "external" geotextile with an LDPE film, used to drain before the positioning of the screed. DAKU DRAIN G450 and DAKU DRAIN G450 – PE comes in rolls 82 m<sup>2</sup> size 2.05x 40 m.



**SEPARATION LAYER**  
**WATERPROOF MEMBRANE PROTECTION**  
**DRAINAGE**



**DRAIN G450 / DRAIN G450-PE**  
**PRODUCTS**

**METHOD OF APPLICATION**

DAKU DRAIN G450 and DAKU DRAIN G450 – PE are dry-laid over the thermo-waterproof stratigraphy, surmount the towels of about 10 cm and folding on the vertical edges of the cover for a height equal to that of the thickness of the thickness of DAKU DRAIN and FSD or any protective or paving screeds. If DAKU DRAIN G450 is used as drainage for paved areas that determine the solution of continuity with respect to green adjacent areas, you must enter the geocomposite under

the drainage elements (DAKU DRAIN, DAKU FSD) with a minimum overlap of 20 cm in order to allow the maintenance of the drainage in a unidirectional way.



**TECHNICAL FEATURES**

	DRAIN G450	DRAIN G450-PE
Aeric mass (ISO 9864)	710 gr./mq (+/-10%)	860 gr./mq (+/-10%)
Thickness at 20 kPa (ISO 9863)	5,0 mm (+/-10%)	
Tensil strenght (ISO 10319)	15,5 KN/m	
Elongation (ISO 10319)	60 %	
Hydraulic flow at 20 kPa (i=0,01) (ISO 12958)	0,032 l/ms	
Hydraulic flow at a 20 kPa (i=1,0) (ISO 12958)	0,10 l/ms	
Geogrid Coupling	geotextile + geotextile	geotextile + polyethylene
Roll dimension 2,05 x 40 m	2,05 x 40 m (82 mq)	



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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