

. DRAINAGE AND PROTECTION SUBSTRATE

Supply and installation of:

DAKU DRAIN G450-PE, which is a draining geocomposite with high filtration and drainage capabilities. It is composed of a draining core consisting on a HDPE geonet. The geonet structure has two orders of filaments with a high void index, coupled on one side with non-woven polypropylene geotextile with a density of 120 gr/m² and on the other side with a LDPE film 0.15 mm thick (minimum). The film is used as a draining element before the positioning of the surface. This structure creates a complete and compact system, capable of performing a threefold function of "filter-drainage-protection"; the system is also lightweight, durable and functional. Due to its performance, the G450 is used on rooftop gardens to increase drainage, both horizontally and vertically, on any type of surface. It can also be used as a draining element for paved areas or under blocks, curbs and containment walls.

TECHNICAL DATA

- Thickness at 20 kPa	5,0 mm. (+/-10%)	(EN ISO 9863)
- Areal density	860 gr/ m ² (+/-10%)	(EN ISO 9864)
- Tensile strength	15,50 KN/m	(EN ISO 10319)
- Elongation	60%	(EN ISO 10319)
- Horizontal drainage capability at 20 kPa with i=0.01	0.032 l/ms	(EN ISO 12958)
- Horizontal drainage capability at 20 kPa with i=0.1	0.10 l/ms	(EN ISO 12958)

DAKU DRAIN G450-PE is laid on the insulation/waterproof surface, 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 DAKU DRAIN/FSD or any paving/block. If the DAKU DRAIN G450-PE component is used as draining element for paved areas next to green areas, it must be installed under the other drainage components (DAKU DRAIN, DAKU FSD) with a minimum overlap of 20 cm. This will ensure the correct drainage of the roof.

m² 0,00



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