

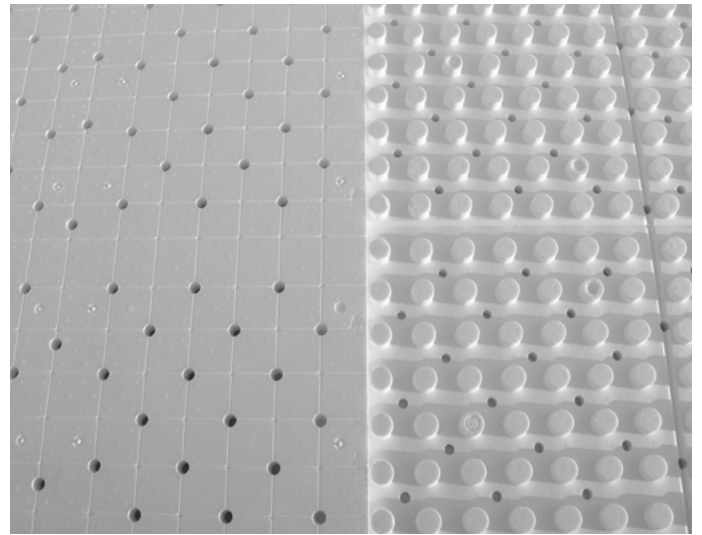
DAKU DRAIN 25 and DAKU DRAIN 35 components are made of sintered expanded polystyrene foam and produced with raw materials free from regenerated. They are used for mechanical protection, horizontal and vertical drainage; they are supplied in sheets of white color, barely inflammable; their size is 125x100 cm.

DAKU DRAIN 25 and DAKU DRAIN 35 components protect the waterproof surface and drain water from the substrates above them. All components, in regard of water drainage, comply with the DIN 4095 standards (for buildings drainage protection).

They also create a protective layer to mechanical stress for the waterproof substrates as required by DIN 18195 Part 1 and DIN 18195 part 10. The surface has a high drainage capability, thanks to a high number of truncated-cone section feet in it. They can be used in intensive rooftops garden both on plain and pitched surfaces or to drain water under paved surfaces. They are provided with CE marking (according to UNI EN 13163) and can also act as thermal insulation components.

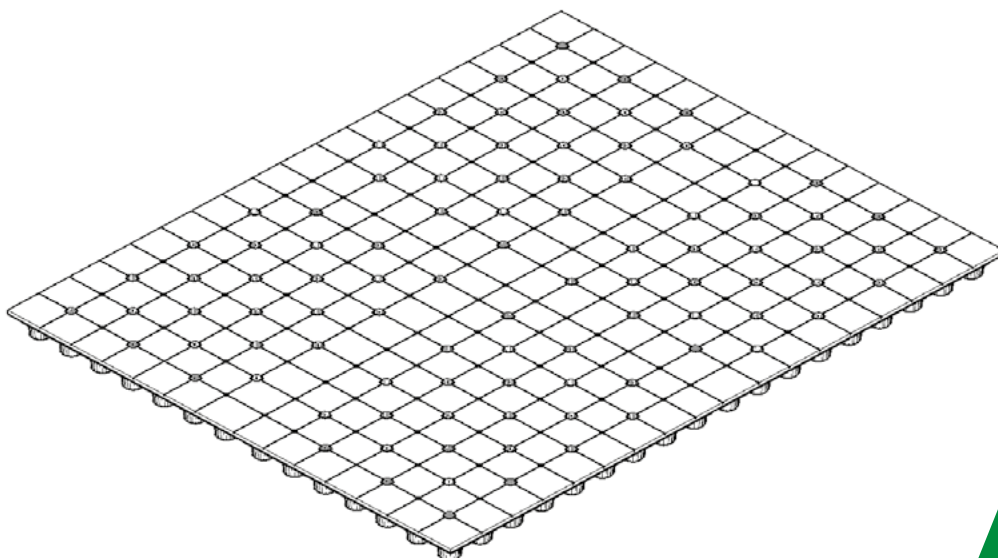
The upper side of the sheet is plain and has no water storage capability. The lower side of the sheet has 252 truncated-cone section feet with a diameter of approx. 36 mm and height 20 mm each. These feet, through a series of 101 holes (diameter 15 mm each) communicating with the upper side, allow to elevate the sheet from the bottom surface, creating an increased drainage chamber. They also provide a high level of vertical drainage for the water in excess.

All DAKU DRAIN 25 and DAKU DRAIN 35 components



**WATERPROOF SURFACE PROTECTION**  
**DRAINAGE**  
**THERMAL INSULATION**

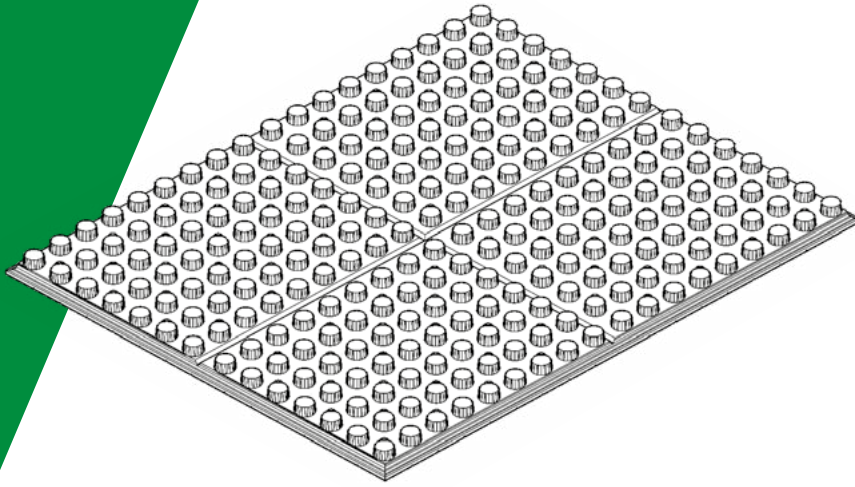
comply with the UNI 11235 standards. They are produced in two versions, with different mass and resistance to adapt to higher or lower weights.



**DRAIN 25 / DRAIN 35**  
**PRODUCTS**

## METHOD OF INSTALLATION

DAKU DRAIN 25 and DAKU DRAIN 35 components are laid on the waterproof/insulation surface both staggered or in pairs. Depending on the type of surfaces on which they are positioned, it may be necessary a separation layer between the waterproofing and DAKU DRAIN 25 and DAKU DRAIN 35 components; the features of this additional layer must not prevent the normal flow of the drain water. The upper side has a series of "cut lines", which are designed to facilitate cutting with cutters or hacksaws if needed.



## TECHNICAL FEATURES

	DAKU DRAIN 25	DAKU DRAIN 35
Dimensions	1250 x 1000 mm	1250 x 1000 mm
Thickness	47 mm	47 mm
Raw mass	25 Kg/mc (+/-10%)	35 Kg/mc (+/-10%)
Drainage capacity at 20 kPa (EN ISO 12958) with i=0.01 - vertical - horizontal	1,46 l/ms 1,44 l/ms	1,46 l/ms 1,44 l/ms
Drainage capacity at 20 kPa (EN ISO 12958) with i=0.1 - vertical - horizontal	4,95 l/ms 4,90 l/ms	4,95 l/ms 4,90 l/ms
Vertical drainage capacity (EN ISO 11058)	14,74 l/m <sup>2</sup> s	14,74 l/m <sup>2</sup> s
Resistenza alla dispersione termica K	0,71 mq x K/W	0,71 mq x K/W
Thermal conductivity (UNI EN 12667)	0,034 W/mK	0,034 W/mK
Height of support feet	20 mm	20 mm
Number of support feet	nr. 252	nr. 252
Surface	2.052 cmq/mq	2.052 cmq/mq
Flammability Class	E according to EN 13501	E according to EN 13501
Supply	pallet with 60 components (75 mq)	pallet with 60 components (75 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 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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