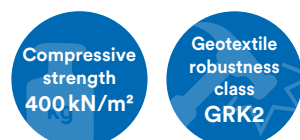


## Technical data sheet

# DELTA-TERRAXX® ACCESS

High-performance protection and drainage system with very high water flow capacity for fast drainage in construction of flat roofs. Particularly suitable for small areas with barrier-free transitions to roof terraces and balconies.



Characteristics		Method	Values/Description			
Characteristics of the dimpled sheet						
Description		–	The geocomposite consisting of a pressure-resistant dimpled structure and a filter-stable geotextile serves as a drainage layer and effectively protects pressure-stable substrates against mechanical impacts.			
Material		–	Virgin PE-HD (silver) with laminated geotextile			
Thickness		EN ISO 9863-1	ca. 0.8 mm			
Height of dimples		–	ca. 16 mm			
Overlapping		–	Dimple in dimple (1 row of dimples without geotextile)			
Number of dimples per m²		–	2,770 pieces/m²			
Contact area dimples/surface		–	8,030 cm²/m²			
Characteristics of the geotextile						
Material		–	Virgin Polypropylen (light grey), thermal bonded			
Surface weight		EN ISO 9864	ca. 125 g/m²			
Resistance to static puncture (CBR-test)		EN ISO 12236	ca. 1.2 kN			
Class of robustness		–	GRK2			
Characteristic opening size		EN ISO 12956	ca. 130 µm			
Water permeability		EN ISO 11058	ca. 0.05 m/s			
Dynamic perforation resistance (cone drop test)		EN ISO 13433	ca. 33 mm			
Tensile strength MD/CMD		EN ISO 10319	ca. 8.5 kN/m			
Resistance to weathering		EN 12224	To be covered within two weeks after installation			
Characteristics of the composite						
Mass per unit area		EN ISO 9864	ca. 925 g/m²			
Compressive strength (short-term compression behaviour)		EN ISO 25619-2	ca. 400 kN/m²			
Strain at compressive loading 1.008 h (compressive creep)		EN ISO 25619-1	< 6 % at 100 kPa			
Maximum installation depth		–	10 m			
Tensile strength MD/CMD		EN ISO 10319	ca. 13.3/12.7 kN/m			
Elongation at maximum tensile strength MD/CMD		EN ISO 10319	ca. 31/22 %			
Durability		EN ISO 13438	Durable for 100 years in natural soil with 4 ≤ pH ≤ 9 and soil temperature ≤ 25 °C			
Water flow capacity in the plane						
Compressive stress	Hydraulic gradient:	EN ISO 12958	i = 0.01	i = 0.02	i = 0.03	i = 1.00
20 kPa			0.46 l/(m · s)	0.68 l/(m · s)	0.93 l/(m · s)	6.81 l/(m · s)
50 kPa			0.43 l/(m · s)	0.68 l/(m · s)	0.92 l/(m · s)	6.54 l/(m · s)
100 kPa			0.36 l/(m · s)	0.62 l/(m · s)	0.83 l/(m · s)	6.16 l/(m · s)
Miscellaneous						
Temperature resistance		–	-30 to +80 °C			
Dimension		–	14.4 × 1.04 m			
Weight of one roll		–	13.9 kg			
Packaging unit		–	8 Rolls/pallet			
Pallet type		–	One-way pallet; Measurement 1,200 × 1,200 × 2,250 mm			
CE-conformity		–	EN 13252			
Conformity rules and standards		–	DIN 18531, DIN 18533, DIN 4095			

The content of this data sheet describes the current state of knowledge at the time of publication and make no claim to be complete. The information listed does not release from self-dependent behaviour. With publication of this sheet all previous versions are not valid any longer. Errors and typing errors reserved.

