

# Filter stable drainage system

## Secudrain® 131 C WD 401 131 C



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### Product description

Three-layered, three-dimensional, filter stable and high compression resistance drainage system consisting of an extruded wave-shaped monofilament core and a needle-punched UV-stabilized nonwoven fully bonded at on both sides

Property	Test method*	Unit	131 C WD 401 131 C
<b>Total product</b>		-	
Water flow rate $q, md, (h/h)$ - at a load of 20 kPa - at a load of 50 kPa - at a load of 100 kPa	EN ISO 12958	l/(m x s)	$i = 0.1$ $2.5 \times 10^{-1}$ $i = 0.1$ $2.0 \times 10^{-1}$ $i = 0.1$ $1.5 \times 10^{-1}$
Water flow rate $q, md, (h/h)$ - at a load of 20 kPa - at a load of 50 kPa - at a load of 100 kPa			$i = 0.3$ $5.0 \times 10^{-1}$ $i = 0.3$ $4.0 \times 10^{-1}$ $i = 0.3$ $3.0 \times 10^{-1}$
Water flow rate $q, md, (h/h)$ - at a load of 20 kPa - at a load of 50 kPa - at a load of 100 kPa			$i = 1.0$ $1.0 \times 10^{+0}$ $i = 1.0$ $9.0 \times 10^{-1}$ $i = 1.0$ $8.0 \times 10^{-1}$
Mass per unit area	EN ISO 9864	g/m <sup>2</sup>	660
Thickness	EN ISO 9863-1	mm	6.5
Max. tensile strength, $md / cmd^{**}$	EN ISO 10319	kN/m	16.0 / 16.0
Elongation at max. tensile strength, $md / cmd^{**}$	EN ISO 10319	%	40 / 40
Puncture force	EN ISO 12236	kN	3.0
Raw material	-	-	polypropylene
<b>Geotextiles</b>	<b>131 C / 131 C</b>		
Mass per unit area	EN ISO 9864	g/m <sup>2</sup>	130
Thickness	EN ISO 9863-1	mm	0.7
Characteristic Opening Size	EN ISO 12956	mm	0.09
Water permeability - $VI_{H50}$ -Index - Flow rate $q_{H50}$	EN ISO 11058	m/s l/sm <sup>2</sup>	$9.0 \times 10^{-2}$ 90
Roll dimension, width x length	-	m x m	3.80 x 70

\*based on, \*\*md = machine direction, cmd = cross machine direction

The listed technical values are guiding values, achieved in our laboratories and/or independent testing institutes. Our products are subject to changes without prior notice.