

# Data sheet

## Contec.fior Substrate



### Weight

The bulk density of Contec.fior RCE, as tested, is as follows:

Dry	1'070 kg/m <sup>3</sup>
Wet	1'340 kg/m <sup>3</sup>

Layer thickness per cm/m <sup>2</sup> (compacted)	8	9	10	11	12	13	14	15	16
Dry weight (kg)	99	112	123	135	148	160	172	185	195
Wet weight (kg)	127	142	158	173	190	205	224	237	253

The compaction factor of 15% has been included.

### Retention capacity

Parameter	Unit	Value
Maximum water capacity	Vol. %	28
Maximum air content		32
Total pore volume		60



**Weight**
**Additional Water Storage Elements**

Contec.drain	WS 40	13 l/m <sup>2</sup>
Contec.drain	FKD 25	5 l/m <sup>2</sup>
Contec.drain	FKD 60	45 l/m <sup>2</sup>

**Available Delivery Options (vary by production facility)**

Suction and blowing truck	Big Bag	Loose
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**Runoff Coefficient for Contec.fior**
**(0.5 without water storage board / 0.3 with water storage board)**

Build-up Thickness	Roof Pitch up to 5°	Roof Pitch greater than 5°
> 50 cm	C = 0.1	-
> 25 - 50 cm	C = 0.2	-
> 15 - 25 cm	C = 0.3	-
> 10 - 15 cm	C = 0.4	C = 0.5
> 6 - 10 cm	C = 0.5	C = 0.6
> 4 - 6 cm	C = 0.6	C = 0.7
> 2 - 4 cm	C = 0.7	C = 0.8



**Measurements / Pollutant Analysis**

Parameter	Result	Limit	Unit
Dry matter (TS40)	93.19	-	% (G/G)
Dry matter (TS105)	92.78	-	% (G/G)
Ash residue (inorganic)	98.63	-	% (G/G)
Loss on ignition (organic)	1.37	-	% (G/G)
Cadmium Cd	0.20	10	g/t TS105
Copper Cu	15.8	500	g/t TS105
Mercury Hg	0.01	2	g/t TS106
Nickel Ni	21.0	500	g/t TS108
Lead Pb	4.2	500	g/t TS109
Zinc Zn	56	1000	g/t TS110

