

**Flowrates of TOPWET products measured according to EN 1253-2:2016**
**Roof outlets**

Type / dimension [DN]	Recommended designed flow capacity measured by EN 1253-2:2016	Roof outlet flow measured by EN 1253-2:2016
vertical DN 70	5.1 l/s (35 mm)	5.1 l/s
vertical DN 100	8.5 l/s (45 mm)	5.6 l/s
vertical DN 125	11.2 l/s (55 mm)	7.9 l/s
vertical DN 150	12.2 l/s (55 mm)	8.9 l/s
horizontal DN 70	4.0 l/s (35 mm)	4.0 l/s
horizontal DN 100	7.5 l/s (45 mm)	5.4 l/s
horizontal DN 125	9.1 l/s (55 mm)	7.5 l/s

**Teracce outlet**

Type / dimension [DN]	Recommended designed flow capacity measured by EN 1253-2:2016	Teracce outlet flow measured by EN 1253-2:2016
vertical DN 50	2.0 l/s (35 mm)	2.0 l/s
vertical DN 70	3.9 l/s (35 mm)	3.9 l/s
vertical DN 100	7.0 l/s (45 mm)	4.4 l/s
vertical DN 125	10.0 l/s (55 mm)	6.3 l/s
horizontal DN 50	1.8 l/s (35 mm)	1.8 l/s
horizontal DN 70	3.8 l/s (35 mm)	3.8 l/s
horizontal DN 100	4.2 l/s (45 mm)	3.9 l/s
horizontal DN 125	7.7 l/s (55 mm)	5.9 l/s

**Balcony outlets**

Type / dimension [DN]	Recommended designed flow capacity measured by EN 1253-2:2016	Balcony outlet flow measured by EN 1253-2:2016
vertical DN 50	0.8 l/s (35 mm)	0.8 l/s
vertical DN 70	1.1 l/s (35 mm)	1.1 l/s
horizontal DN 50	0.8 l/s (35 mm)	0.8 l/s
horizontal DN 70	0.9 l/s (35 mm)	0.9 l/s

**Flowrates of TOPWET products measured according to EN 1253-2:2016**
**Refurbishment and single-wall outlets**

Type / dimension [DN]	Recommended designed flow capacity measured by EN 1253-2:2016	Roof outlet flow measured by EN 1253-2:2016
DN 50	5.2 l/s (35 mm)	5.2 l/s
DN 70	4.5 l/s (35 mm)	4.5 l/s
DN 90	6.5 l/s (45 mm)	5.4 l/s
DN 100	7.3 l/s (45 mm)	5.5 l/s
DN 125	10.3 l/s (55 mm)	8.1 l/s
DN 150	12.4 l/s (55 mm)	9.0 l/s

**Gutter spouts**

Type / dimension [DN]	Recommended designed flow capacity measured by EN 1253-2:2016	Gutter spout flow measured by EN 1253-2:2016
DN 50	0.9 l/s (50 mm)	0.5 l/s
DN 70	1.9 l/s (75 mm)	0.6 l/s
DN 100	5.5 l/s (110 mm)	0.9 l/s
DN 125	7.6 l/s (125 mm)	1.1 l/s
DN 150	9.0 l/s (160 mm)	1.6 l/s
50X100	1.5 l/s (50 mm)	0.9 l/s
50X150	2.2 l/s (50 mm)	1.3 l/s
100X100	4.2 l/s (100 mm)	0.9 l/s
150X150	11.5 l/s (150 mm)	1.3 l/s
100X300	12.5 l/s (100 mm)	2.6 l/s

**Safety overflows**

Type / dimension [DN]	Maximal designed flow capacity measured by EN 1253-2:2016 for roof with 2 and more outlets	Safety overflow measured by EN 1253-2:2016
DN 50	0.9 l/s (50 mm)	0.5 l/s
DN 70	1.9 l/s (75 mm)	0.6 l/s
DN 100	5.5 l/s (110 mm)	0.9 l/s
DN 125	7.6 l/s (125 mm)	1.1 l/s
50X100	1.5 l/s (50 mm)	0.9 l/s
50X150	2.2 l/s (50 mm)	1.3 l/s
100X100	4.2 l/s (100 mm)	0.9 l/s
150X150	11.5 l/s (150 mm)	1.3 l/s
100X300	12.5 l/s (100 mm)	2.6 l/s

**Flowrates of TOPWET products measured according to EN 1253-2:2016**
**Roof outlets TW**

Head of water (mm)							
Typ DN/OD	5	15	25	35	45	55	65
vertical 70/75	0.40	1.90	3.30	<b>5.10</b>	7,00	9.10	12.40
vertical 100/110	0.50	1.70	3.40	5.60	<b>8.50</b>	11.40	15,00
vertical 125/125	0.50	1.70	3.30	5.40	7.90	<b>11.20</b>	14.80
vertical 150/160	0.50	1.60	3.50	6,00	8.90	<b>12.20</b>	16.20
horizontal 70/75	0.50	2.10	3.50	<b>4,00</b>	4.30	4.40	4.60
horizontal 100/110	0.50	1.60	3.20	5.40	<b>7.50</b>	9,00	9.50
horizontal 125/125	0.50	1.60	3.20	5.50	7.50	<b>9.10</b>	9.60

**Teracce outlets TWT**

Head of water (mm)							
Typ DN/OD	5	15	25	35	45	55	65
vertical 50/50	0.50	0.90	1.40	<b>2,00</b>	3.80	6.10	8.60
vertical 70/75	0.50	1.20	2.10	<b>3.90</b>	6,00	8.20	11.30
vertical 100/110	0.50	0.80	2.20	4.40	<b>7,00</b>	10.20	13.80
vertical 125/125	0.50	0.80	2.30	4,00	6.30	<b>10,00</b>	13.70
horizontal 50/50	0.35	0.80	1.20	<b>1.80</b>	3.20	3.90	4.25
horizontal 70/75	0.35	1.20	3.10	<b>3.80</b>	4.15	4.25	4.30
horizontal 100/110	0.35	1.40	3.20	3.90	<b>4.20</b>	4.35	4.50
horizontal 125/125	0.40	1.50	3,00	4.40	5.90	<b>7.70</b>	8,00

**Balcony outlets TWB**

Head of water (mm)							
Typ DN/OD	5	15	25	35	45	55	65
vertical 50/50	0.10	0.30	0.50	<b>0.80</b>	1.20	1.70	2.30
vertical 70/75	0.15	0.40	0.70	<b>1.10</b>	1.50	2,00	2.70
horizontal 50/50	0.10	0.30	0.50	<b>0.80</b>	1,00	1.10	1.20
horizontal 70/75	0.10	0.30	0.60	<b>0.90</b>	1.10	1.20	1.25

**Refurbishment and single-wall outlets TWJ a TW SAN**

Head of water (mm)							
Typ DN/OD	5	15	25	35	45	55	65
50/50	0.50	1.80	3.30	<b>5.20</b>	7.30	7.80	9.70
70/75	0.60	1.90	3.30	<b>4.50</b>	4.60	8,00	10.20
90/90	0.60	1.80	3.50	5.40	<b>6.50</b>	7.50	11.60
104/104	0.60	1.80	3.50	5.50	<b>7,00</b>	8.20	11.90
100/110	0.60	1.80	3.60	5.50	<b>7.30</b>	9.60	12.30
125/125	0.60	1.80	3.60	5.50	8.10	<b>10.30</b>	12.20
150/160	0.70	2.10	3.90	5.40	9,00	<b>12.40</b>	13.80

**Flowrates of TOPWET products measured according to EN 1253-2:2016**
**Gutter spouts - round TWC**

Head of water (mm)												
Typ DN/OD	5	15	25	35	45	50	55	60	75	110	125	160
<b>50/50</b>	0.08	0.14	0.30	0.50	0.80	<b>0.90</b>	-	-	-	-	-	-
<b>70/75</b>	0.08	0.16	0.37	0.60	0.90	1,00	1.20	1.41	<b>1.90</b>	-	-	-
<b>100/110</b>	0.09	0.20	0.50	0.90	1.25	1.50	1.70	2,00	-	<b>5.50</b>	-	-
<b>125/125</b>	0.10	0.22	0.40	0.70	1.10	1.30	1.50	1.95	-	-	<b>7.60</b>	-
<b>150/160</b>	0.13	0.22	0.33	1,00	1.60	1.90	2.20	2.50	-	-	-	<b>9,00</b>

**Gutter spouts - squared TWC**

Head of water (mm)																
Typ DN/OD	5	15	25	35	45	50	60	70	80	90	100	110	120	130	140	150
<b>50x100</b>	0.05	0.24	0.52	0.86	1.26	<b>1.50</b>	-	-	-	-	-	-	-	-	-	-
<b>50x150</b>	0.07	0.36	0.78	1.29	1.89	<b>2.20</b>	-	-	-	-	-	-	-	-	-	-
<b>100x100</b>	0.05	0.24	0.52	0.86	1.26	1.50	1.94	2.44	2.98	3.56	<b>4.17</b>	-	-	-	-	-
<b>150x150</b>	0.07	0.36	0.78	1.29	1.89	2.20	2.90	3.66	4.47	5.34	6.25	7.21	8.22	9.26	10.35	<b>11.48</b>
<b>100x300</b>	0.14	0.73	1.56	2.59	3.77	4.42	5.81	7.32	8.94	10.67	<b>12.5</b>	-	-	-	-	-

**Flowrates of TOPWET products measured according to EN 1253-2:2016**
**Safety overflows – round TWPP**

Head of water (mm)											
Typ DN/OD	5	15	25	35	45	50	55	60	75	110	125
50/50	0.08	0.14	0.30	0.50	0.80	<b>0.90</b>	-	-	-	-	-
70/75	0.08	0.16	0.37	0.60	0.90	1,00	1.20	1.41	<b>1.90</b>	-	-
100/110	0.09	0.20	0.50	0.90	1.25	1.50	1.70	2,00	-	<b>5.50</b>	-
125/125	0.10	0.22	0.40	0.70	1.10	1.30	1.50	1.95	-	-	<b>7.60</b>

**Safety overflows – squared TWPP**

Head of water (mm)																
Typ DN/OD	5	15	25	35	45	50	60	70	80	90	100	110	120	130	140	150
50x100	0.05	0.24	0.52	0.86	1.26	<b>1.50</b>	-	-	-	-	-	-	-	-	-	-
50x150	0.07	0.36	0.78	1.29	1.89	<b>2.20</b>	-	-	-	-	-	-	-	-	-	-
100x100	0.05	0.24	0.52	0.86	1.26	1.50	1.94	2.44	2.98	3.56	<b>4.17</b>	-	-	-	-	-
150x150	0.07	0.36	0.78	1.29	1.89	2.20	2.90	3.66	4.47	5.34	6.25	7.21	8.22	9.26	10.35	<b>11.48</b>
100x300	0.14	0.73	1.56	2.59	3.77	4.42	5.81	7.32	8.94	10.67	<b>12.5</b>	-	-	-	-	-