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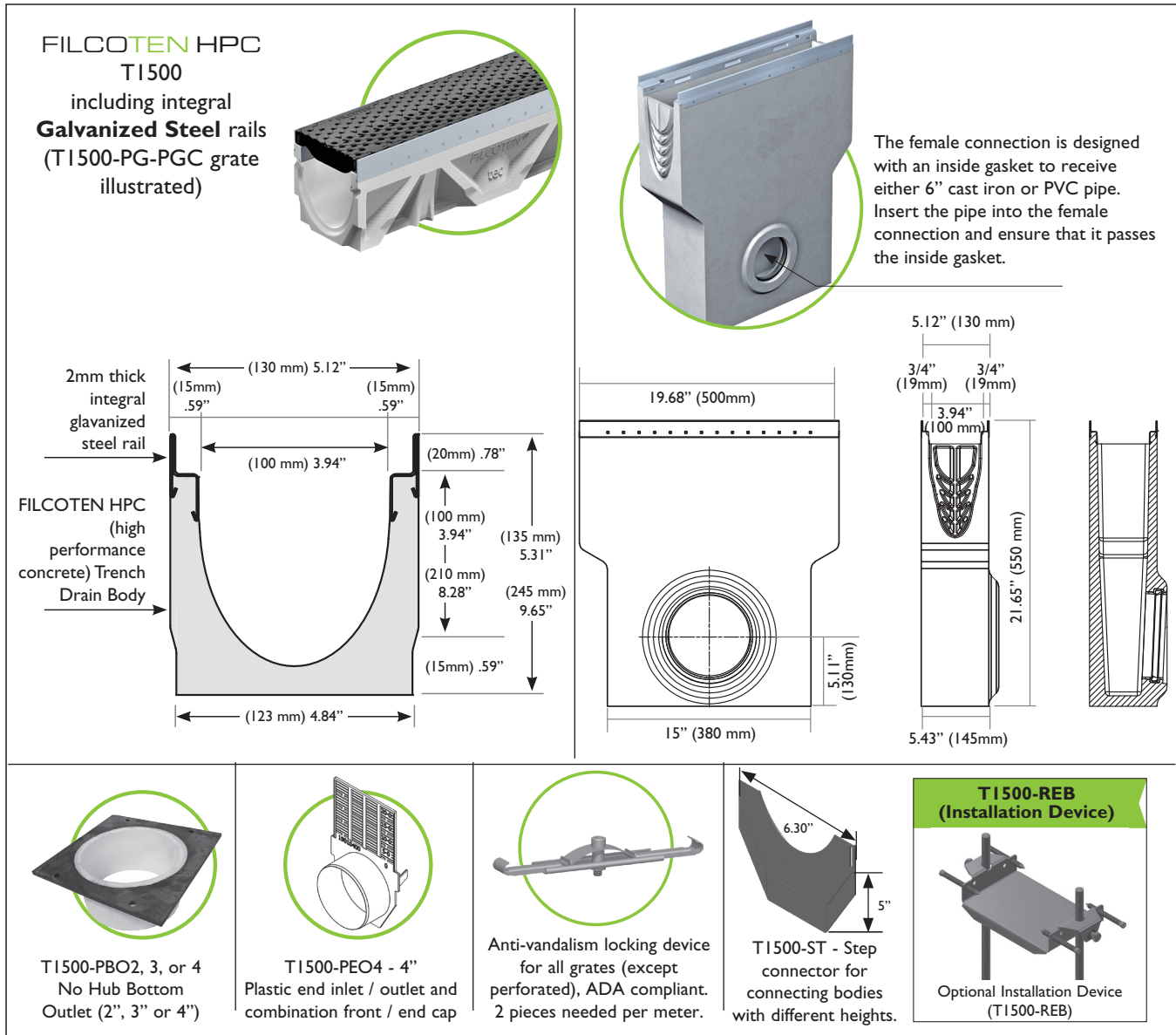


**T1500**

**4" WIDE, PRESLOPED, FILCOTEN® FIBRE  
RE-INFORCED, CONCRETE TRENCH DRAIN WITH  
INTEGRAL STEEL RAIL AND GRATE SYSTEM**

**Specification:** MIFAB® Series T1500, 4" wide, 39.40" long, pre-sloped (0.5%) or neutral FILCOTEN® trench drain system. Body is manufactured from a fibre-reinforced concrete based material. Bodies have interlocking ends, a radiused bottom for efficient liquid drainage and multiple anchoring ribs to securely hold the body into the concrete foundation. Each body is manufactured with an integral 2 mm thick, extra heavy duty, galvanized steel rail. End and bottom outlets are available in 2", 3" or 4" no hub outlet connections (specify outlet size). Grate options include extra heavy duty ductile iron (Load Class E) and slotted and perforated heavy duty galvanized steel (Load Class C). Grates are secured to the body with a four point self-locking system. End caps and catch basins are also available (See T1500-CB620).

**Function:** Used in commercial areas such as factories, warehouses, parking garages, car dealerships, gas stations, public and residential areas, parks, sports complexes, town squares, railway stations and cycle and foot paths. Ideal for environmentally sensitive areas because the body channels are free of resins, heavy metals, VOC and all chemicals. Exceptional adhesion to surrounding concrete foundation due to the concrete composition of the body channels – resulting in a monolithic all concrete installation. Less breakage during transport and installation due to impact resistant, fibre-reinforced, UV resistant concrete material. Extra heavy duty integral galvanized steel rail allows for heavy duty, hard wheel traffic applications.



Job Name: \_\_\_\_\_

Page No: \_\_\_\_\_

Section No: \_\_\_\_\_

Contractor: \_\_\_\_\_

Schedule No: \_\_\_\_\_

Purchase Order No: \_\_\_\_\_

Location: \_\_\_\_\_



# T1500

**6" WIDE, PRESLOPED, FILCOTEN® FIBRE  
RE-INFORCED, CONCRETE TRENCH DRAIN  
WITH INTEGRAL STEEL RAIL AND GRATE SYSTEM**

Body Part Number	Galvanized Steel Integral Rails	Body type	Slope	Invert Body Depth		Overall Body Depth		Maximum Flow Rate See note below			Weight (Less Grate)	
				E1 (Min.)	E2 (Max.)	E1 (Min.)	E2 (Max.)	GPM*	LPS*	CFS*	Lbs.	kg.
<b>T1500N</b>		Neutral	0%	4.72"	4.72"	5.31"	5.31"	47.60	3	0.11	28.66	13.00
<b>T1501</b>		Sloped	.5%	4.72"	4.92"	5.31"	5.51"	47.60	3	0.11	29.54	13.40
<b>T1502</b>		Sloped	.5%	4.92"	5.12"	5.51"	5.71"	47.60	3	0.11	31.08	14.10
<b>T1503</b>		Sloped	.5%	5.12"	5.31"	5.71"	5.91"	47.60	3	0.11	32.63	14.80
<b>T1504</b>		Sloped	.5%	5.31"	5.51"	5.91"	6.10"	47.60	3	0.11	32.95	15.40
<b>T1505</b>		Sloped	.5%	5.51"	5.71"	6.10"	6.30"	47.60	3	0.11	35.05	15.90
<b>T1505N</b>		Neutral	0%	5.71"	5.71"	6.30"	6.30"	47.60	3	0.11	35.49	16.10
<b>T1506</b>		Sloped	.5%	5.71"	5.91"	6.30"	6.50"	47.60	3	0.11	36.16	16.40
<b>T1507</b>		Sloped	.5%	5.91"	6.10"	6.50"	6.69"	47.60	3	0.11	37.04	16.80
<b>T1508</b>		Sloped	.5%	6.10"	6.30"	6.69"	6.89"	47.60	3	0.11	38.36	17.40
<b>T1509</b>		Sloped	.5%	6.30"	6.50"	6.89"	7.09"	47.60	3	0.11	39.68	18.00
<b>T1510</b>		Sloped	.5%	6.50"	6.69"	7.09"	7.28"	47.60	3	0.11	40.79	18.50
<b>T1510N</b>		Neutral	0%	6.69"	6.69"	7.28"	7.28"	95.10	6	0.21	41.23	18.70
<b>T1511</b>		Sloped	.5%	6.69"	6.89"	7.68"	7.87"	95.10	6	0.21	45.30	20.60
<b>T1512</b>		Sloped	.5%	6.89"	7.09"	7.87"	8.07"	95.10	6	0.21	46.08	20.90
<b>T1513</b>		Sloped	.5%	7.09"	7.28"	8.07"	8.27"	95.10	6	0.21	46.96	21.30
<b>T1514</b>		Sloped	.5%	7.28"	7.48"	8.27"	8.46"	95.10	6	0.21	50.49	22.90
<b>T1515</b>		Sloped	.5%	7.48"	7.68"	8.46"	8.66"	95.10	6	0.21	50.93	23.10
<b>T1516</b>		Sloped	.5%	7.68"	7.87"	8.66"	8.86"	95.10	6	0.21	52.47	23.80
<b>T1517</b>		Sloped	.5%	7.87"	8.07"	8.86"	9.05"	95.10	6	0.21	53.13	24.10
<b>T1518</b>		Sloped	.5%	8.07"	8.27"	9.05"	9.25"	95.10	6	0.21	59.30	26.90
<b>T1519</b>		Sloped	.5%	8.27"	8.46"	9.25"	9.45"	95.10	6	0.21	61.73	28.00
<b>T1520</b>		Sloped	.5%	8.46"	8.66"	9.45"	9.65"	95.10	6	0.21	61.07	27.70
<b>T1520N</b>		Neutral	0%	8.66"	8.66"	9.65"	9.65"	152.20	9.6	0.34	69.90	31.70

**Note: The maximum flow rate represents the maximum flow in the trench itself.  
The number and size of the outlets will determine the maximum flow rate of the trench system.**

Model Number	Description	Material	Weight		List Price, Each, Add
			LBS	kg.	
<b>T1500-CB620</b>	Inline catch basin for T1500 bodies with galvanized steel rails and 6" outlet seal to receive 6" PVC or cast iron pipe, complete with plastic sediment bucket.	FILCOTEN HPC	71.42	32.4	<b>\$415.00</b>
<b>T1500-3-CB620</b>	Inline catch basin for T1500 bodies with stainless steel rails and 6" outlet seal to receive 6" PVC or cast iron pipe, complete with plastic sediment bucket.	FILCOTEN HPC	71.42	32.4	<b>\$739.00</b>
<b>T1500-CB620-SB</b>	Plastic sediment bucket for catch basin (included with every catch basin)	plastic	0.44	0.2	<b>\$64.00</b>
<b>T1500-PBO2</b>	2" No Hub Bottom Outlet	plastic	0.44	0.2	<b>\$49.00</b>
<b>T1500-PBO3</b>	3" No Hub Bottom Outlet	plastic	0.44	0.2	<b>\$49.00</b>
<b>T1500-PBO4</b>	4" No Hub Bottom Outlet	plastic	0.44	0.2	<b>\$49.00</b>
<b>T1500-PEO4</b>	4" No Hub End inlet / outlet and combination front / end cap	plastic	0.44	0.2	<b>\$49.00</b>
<b>T1500-PGLVP</b>	Vandal proof grate lockdown* (Not for perforated grates) (1 piece)	stainless steel	0.22	0.1	<b>\$41.00</b>
<b>T1500-REB</b>	Installation Device	galvanized steel	0.22	0.1	<b>\$35.00</b>
<b>T1500-PBDS</b>	Bottom Dome Strainer	plastic	0.20	0.1	<b>\$49.00</b>
<b>T1500-ST</b>	Step Connector (to connect the T1500 neutral bodies)	galvanized steel	0.22	0.1	<b>\$42.00</b>
<b>T1500-CUT</b>	Cutting / per cut - (includes body and grate)	-	-	-	<b>\$400.00</b>
<b>Tees</b>	Fabricated tee (available in T1500N-TEE, T1505N-TEE, T1510N-TEE models) (includes grate)	-	-	-	<b>\$500.00</b> <b>(\$688.00 for the -3 (S.S.) bodies)</b>
<b>45°</b>	45° body section (includes grate)	<b>*GPM = Gallons per Minute</b> <b>*LPS = Litres per Second</b> <b>*CFS=Cubic Feet per Second</b>	-	-	<b>\$500.00</b> <b>(\$688.00 for the -3 (S.S.) bodies)</b>
<b>90°</b>	90° body section (includes grate)		-	-	<b>\$500.00</b> <b>(\$688.00 for the -3 (S.S.) bodies)</b>

Job Name: \_\_\_\_\_

Page No: \_\_\_\_\_

Section No: \_\_\_\_\_

Contractor: \_\_\_\_\_

Schedule No: \_\_\_\_\_

Purchase Order No: \_\_\_\_\_

Location: \_\_\_\_\_

**T1500**
**6" WIDE, PRESLOPED, FILCOTEN® FIBRE  
RE-INFORCED, CONCRETE TRENCH DRAIN  
WITH INTEGRAL STEEL RAIL AND GRATE SYSTEM**
**Gratings FILCOTEN HPC T1500 with fiX self-locking system**

Model Number	Grate Type	Material	Dimensions	Load Class per EN 1433 / ANSI A112.21.1M	Slot / Mesh Width	Weight/pc. Lbs. Kg.		Inlet cross- section (Free Area)
<b>T1500-PG-FSA</b>	Slotted	galvanized steel	39.40"/4.80"/.78"	A - Light Duty	0.31" wide x 3.15" slots (8x80mm)	8.0	3.64	42.63 sq. inches
<b>T1500-PG-FSA-500</b>	Slotted	galvanized steel	19.70"/4.80"/.78"	A - Light Duty	0.31" wide x 3.15" slots (8x80mm)	4.0	1.82	21.31 sq. inches
<b>T1500-PG-FSSA</b>	Slotted	stainless steel	39.40"/4.80"/.78"	A - Light Duty	0.31" wide x 3.15" slots (8x80mm)	8.0	3.64	42.63 sq. inches
<b>T1500-PG-FSSA-500</b>	Slotted	stainless steel	19.70"/4.80"/.78"	A - Light Duty	0.31" wide x 3.15" slots (8x80mm)	4.0	1.82	21.31 sq. inches
<b>T1500-PG-WW</b>	Wedgewire (non slip)	stainless steel	39.40"/4.80"/.78"	B - Medium Duty	0.24" wide x 1.61" slots (6 x 41 mm)	8.0	3.64	93.80 sq. inches
<b>T1500-PG-WW-500</b>	Wedgewire (non slip)	stainless steel	19.70"/4.80"/.78"	B - Medium Duty	0.24" wide x 1.61" slots (6x41 mm)	4.0	1.82	46.1 sq. inches
<b>T1500-PG-FSC</b>	Slotted	galvanized steel	39.40"/4.80"/.78"	C - Heavy Duty	0.31" wide x 3.15" slots (8x80 mm)	9.92	4.5	42.63 sq. inches
<b>T1500-PG-FSC-500</b>	Slotted	galvanized steel	19.70"/4.80"/.78"	C - Heavy Duty	0.31" wide x 3.15" slots (8x80 mm)	4.85	2.2	21.31 sq. inches
<b>T1500-PG-FSSC</b>	Slotted	stainless steel	39.40"/4.80"/.78"	C - Heavy Duty	0.31" wide x 3.15" slots (8x80 mm)	9.92	4.5	42.63 sq. inches
<b>T1500-PG-FSSC-500</b>	Slotted	stainless steel	19.70"/4.80"/.78"	C - Heavy Duty	0.31" wide x 3.15" slots (8x80 mm)	4.85	2.2	21.31 sq. inches
<b>T1500-PG-FPC</b>	Perforated (Heel Safe)	galvanized steel	39.40"/4.80"/.78"	C - Heavy Duty	Ø 1/4" hole (6.0 mm)	7.27	3.3	20.77 sq. inches
<b>T1500-PG-FPC-500</b>	Perforated (Heel Safe)	galvanized steel	19.70"/4.80"/.78"	C - Heavy Duty	Ø 1/4" hole (6.0 mm)	3.74	1.7	10.39 sq. inches
<b>T1500-PG-FSPC</b>	Perforated (Heel Safe)	stainless steel	39.40"/4.80"/.78"	C - Heavy Duty	Ø 1/4" hole (6.0 mm)	7.27	3.3	20.77 sq. inches
<b>T1500-PG-FSPC-500</b>	Perforated (Heel Safe)	stainless steel	19.70"/4.80"/.78"	C - Heavy Duty	Ø 1/4" hole (6.0 mm)	3.74	1.7	10.39 sq. inches
<b>T1500-PG-PGC</b>	Honeycomb (Heel Safe)	plastic	19.40"/4.84"/.78"	C - Heavy Duty	Ø 0.28" hole (7.2 mm)	2.42	1.1	22.47 sq. inches
<b>T1500-PG-FMC</b>	Mesh	galvanized steel	39.40"/4.80"/.78"	C - Heavy Duty	MW 1.18" x 0.39" (MW 30 mm x 10 mm)	7.28	3.3	141.05 sq. inches
<b>T1500-PG-FMC-500</b>	Mesh	galvanized steel	19.70"/4.80"/.78"	C - Heavy Duty	MW 1.18" x 0.39" (MW 30 mm x 10 mm)	3.53	1.6	68.59 sq. inches
<b>T1500-PG-FMSC</b>	Mesh	stainless steel	39.40"/4.80"/.78"	C - Heavy Duty	MW 1.18" x 0.39" (MW 30 mm x 10 mm)	7.28	3.3	141.05 sq. inches
<b>T1500-PG-FMSC-500</b>	Mesh	stainless steel	19.70"/4.80"/.78"	C - Heavy Duty	MW 1.18" x 0.39" (MW 30 mm x 10 mm)	3.53	1.6	68.59 sq. inches

Job Name: \_\_\_\_\_

Page No: \_\_\_\_\_

Section No: \_\_\_\_\_

Contractor: \_\_\_\_\_

Schedule No: \_\_\_\_\_

Purchase Order No: \_\_\_\_\_

Location: \_\_\_\_\_



# T1500

**6" WIDE, PRESLOPED, FILCOTEN® FIBRE  
RE-INFORCED, CONCRETE TRENCH DRAIN  
WITH INTEGRAL STEEL RAIL AND GRATE SYSTEM**

## Gratings FILCOTEN HPC T1500 with fiX self-locking system

Model Number	Grate Type	Material	Dimensions	Load Class per EN 1433 / ANSI A112.21.1M	Slot / Mesh Width	Weight/pc. Lbs. Kg.	Inlet cross- section (Free Area)
T1500-PG-SL	Paverslot (Heel Safe)	galvanized steel	39.40"/4.84"/5.24"	C - Heavy Duty	SW 2x0.24" (2 x 65 mm)	12.78 5.8	18.6 sq. inches
T1500-PG-SL-500	Paverslot (Heel Safe)	galvanized steel	19.70"/4.84"/5.24"	C - Heavy Duty	SW 2x0.24" (2 x 65 mm)	6.61 3.0	9.3 sq. inches
T1500-SL-M	Maintenance Unit for Paverslot (Heel Safe)	galvanized steel	19.70"/4.84"/5.24"	C - Heavy Duty	SW 2x0.24" (2 x 65 mm)	11.68 5.3	9.3 sq. inches
T1500-PG-SSL	Paverslot (Heel Safe)	stainless steel	39.40"/4.84"/5.24"	C - Heavy Duty	SW 2x0.24" (2 x 65 mm)	12.78 5.8	18.6 sq. inches
T1500-PG-SSL-500	Paverslot (Heel Safe)	stainless steel	19.70"/4.84"/5.24"	C - Heavy Duty	SW 2x0.24" (2 x 65 mm)	6.61 3.0	9.3 sq. inches
T1500-SSL-M	Maintenance Unit for Paverslot (Heel Safe)	stainless steel	19.70"/4.84"/5.24"	C - Heavy Duty	SW 2x0.24" (2 x 65 mm)	11.68 5.3	9.3 sq. inches
T1500-PG-4-ADA	Longitudinal bar (Heel Safe)	ductile iron	19.70"/4.80"/.78"	C - Heavy Duty	1.14" x .24" (29 mm x 6.0 mm)	7.93 3.6	24.80 sq. inches
T1500-PG-4-13-ADA	Longitudinal bar (Heel Safe)	galvanized ductile iron	19.70"/4.80"/.78"	C - Heavy Duty	1.14" x .24" (29 mm x 6.0 mm)	7.93 3.6	24.80 sq. inches
T1500-PG-4-KIA	KIA (Heel Safe)	ductile iron with KIA pattern	19.70"/4.80"/.78"	D - Extra Heavy Duty	SW 3.94" x 0.22" (SW 100 x 5.7 mm)	9.48 4.3	32.95 sq. inches
T1500-PG-4-VIA	VIA (Heel Safe)	ductile iron with VIA	19.70"/4.80"/.78"	D - Extra Heavy Duty	SW 1.41" x 0.23" (SW 29 x 6 mm)	9.48 4.3	30.25 sq. inches
T1500-PG-4-WVY	WAVE (Heel Safe)	ductile iron with WAVE pattern	19.70"/4.80"/.78"	D - Extra Heavy Duty	SW 0.31" (SW 8 mm)	8.03 3.6	34.10 sq. inches
T1500-PG-4	Slotted	ductile iron	19.70"/4.80"/.78"	E - Extra Heavy Duty	0.55" wide x 3.94" slots (14x100 mm)	8.38 3.8	36.00 sq. inches
T1500-PG-4-13	Slotted	galvanized ductile iron	19.70"/4.80"/.78"	E - Extra Heavy Duty	0.55" wide x 3.94" slots (14x100 mm)	8.38 3.8	36.00 sq. inches
T1500-PG-4-VILLE	VILLE (Heel Safe)	ductile iron	19.70"/4.80"/.78"	E - Extra Heavy Duty	0.31" wide slots (SW 8 mm)	11.46 5.2	24.80 sq. inches

Job Name: \_\_\_\_\_

Page No: \_\_\_\_\_

Section No: \_\_\_\_\_

Contractor: \_\_\_\_\_

Schedule No: \_\_\_\_\_

Purchase Order No: \_\_\_\_\_

Location: \_\_\_\_\_


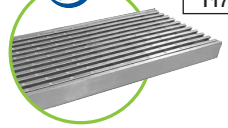

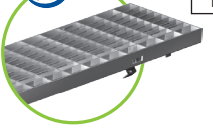
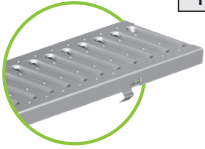



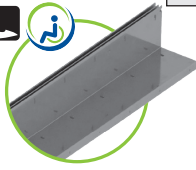

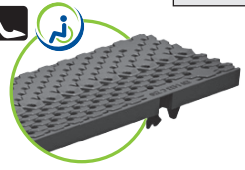

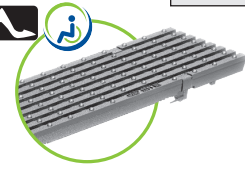

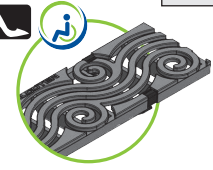

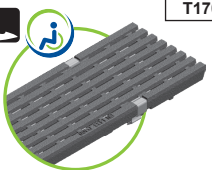

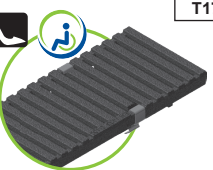





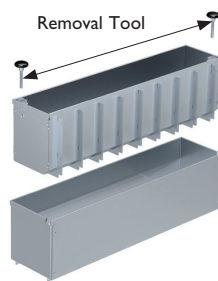
**T1500**

**6" WIDE, PRESLOPED, FILCOTEN® FIBRE RE-INFORCED, CONCRETE TRENCH DRAIN WITH INTEGRAL STEEL RAIL AND GRATE SYSTEM**

**Available grates for the T1500, T1560 and T1700 Trench Drains**

**Note: Stainless Steel grates should only be used with stainless steel edge rail channels.**

  <p><b>T1500 T1560 T1700</b></p> <p>Wedgewire non slip ADA compliant grates. Type 304 Stainless steel. (WW) (Load Class B)</p>	  <p><b>T1500 T1560 T1700</b></p> <p>Mesh / ADA compliant grates. Galvanized or Type 304 Stainless steel. (FMC or FMSC) (Load Class C)</p>	 <p><b>T1500 T1560</b></p> <p>Slotted grates. Galvanized or Type 304 Stainless steel. (FSC or FSSC) (Load Class C) (Also, FSA or FSSA - Load Class A)</p>	  <p><b>T1500 T1560 T1700</b></p> <p>Perforated Heel Safe / ADA compliant grates. Galvanized or Type 304 Stainless steel. (FPC or FSPC) (Load Class C)</p>
  <p><b>T1500 T1560</b></p> <p>Slot top Heel Safe / ADA compliant grates. Galvanized or Type 304 Stainless steel. (SL or SSL) (Load Class C)</p>	  <p><b>T1500 T1560</b></p> <p>Honeycomb COMBee plastic Heel Safe / ADA compliant grates with anti-slip surface. (PGC) (Load Class C)</p>	  <p><b>T1500 T1560</b></p> <p>Ductile iron longitudinal bar Heel Safe / ADA compliant grates. (ADA) (Load Class C)</p>	  <p><b>T1500 T1560</b></p> <p>Ductile iron WAVE pattern Heel Safe / ADA compliant grates. (WAVE) (Load Class D)</p>
  <p><b>T1500 T1560 T1700</b></p> <p>Ductile iron VIA pattern Heel Safe / ADA compliant grates. (VIA) (Load Class D)</p>	  <p><b>T1500 T1560 T1700</b></p> <p>Ductile iron KIA pattern Heel Safe / ADA compliant grates. (KIA) (Load Class D)</p>	 <p><b>T1500 T1560 T1700</b></p> <p>Ductile iron slotted grates. (-4 or -4-13) (Load Class E)</p>	  <p><b>T1500 T1560 T1700</b></p> <p>Ductile iron Heel Safe / ADA compliant grates. (VILLE) (Load Class E)</p>



The Maintenance Unit is used with the Paverslot SL and SSL Slot Top Grating and fits into the top of the catch basin. The box is removable to provide access for cleaning/maintenance. The removal tool is a set of 2 knobs which are used to lift the removable part on the maintenance unit.



ADA grates are designed to have open slots no greater than 0.5 inches (13mm) wide in one direction. If the length of the slot is greater than 0.5 inches, the opening shall run perpendicular to the main direction.



Heel Resistant grates are designed to resist entry of heeled shoes. The maximum grate hole size in the minimum dimension shall be 0.31" (8mm) per ASME Standard A112.6.3, Section 7.12.



Heel Safe grates are designed to resist entry of high stiletto heels. The maximum grate hole size in the minimum dimension shall be 0.23" (6mm).

Job Name: \_\_\_\_\_

Page No: \_\_\_\_\_

Section No: \_\_\_\_\_

Contractor: \_\_\_\_\_

Schedule No: \_\_\_\_\_

Purchase Order No: \_\_\_\_\_