Technical Data Sheet

Wavin Tegra 600 Chamber

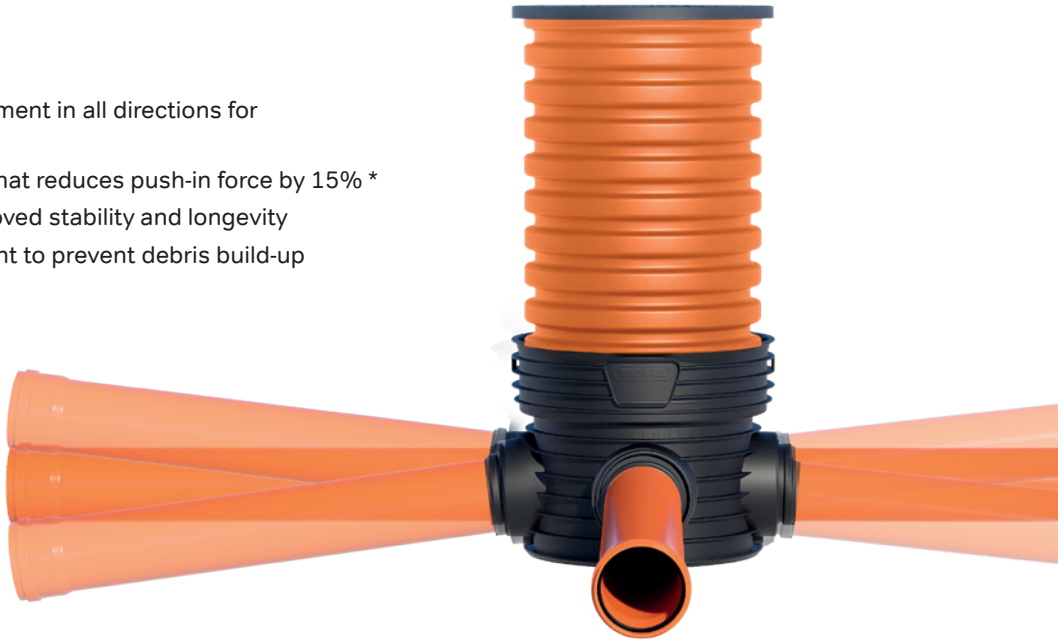
Product description

Tegra 600 is a non-entry Inspection chamber system for gravity sewer and surface water systems. It can be installed to depth of 1m in accordance with Part H, Building Regulations and is Irish Water compliant. Equipped with integrated pipe socket ball joints, it provides flexibility during installation and can adapt to various ground conditions. Designed and tested to last for up to 100 years, even in the most challenging environments.

Key benefits

- 6 flow profiles to cover all applications
- Pipe socket ball joints allow 10° movement in all directions for installation flexibility
- Chamfered shaft socket on the base that reduces push-in force by 15% *
- Double reinforced base plate for improved stability and longevity
- Integrated benching with a 15° gradient to prevent debris build-up and reduce nesting risk
- Swept channels for enhanced flow performance
- Designed to deliver a lifespan of up to 100 years
- Independently tested and certified

* compared to the previous Tegra version



Compliance

- EN 13598-2: 2020
- Building Regulations – Part H
- Irish Water Code of Practice 2020 Rev 2
- MPA-IfW Darmstadt: Cert No. K1724-3

Range

- Bases in 6 flow profiles with connections to 110, 160, 200, 250 or 315mm Wavin Sewer pipe
- Shaft in 1m and 6m lengths
- Concrete biscuit, adaptors to 9", in-situ adaptors and covers available

Flow profiles					
					
180˚ through-flow	30°/150° through-flow	60°/120° through-flow	90° through-flow	Cross	Tee

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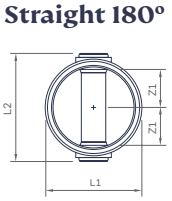
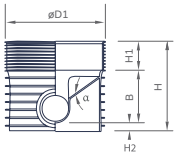
Wavin Tegra 600

Technical specification	
Max depth to invert	1m – Building Regulations, Part H 1.2m – Uisce Éireann, standard detail 13 6m – Subject to groundwater depth
Max groundwater depth	5m
Backfill material	Backfill material should be a suitable* compactable material with no large particles to damage the shaft. * reference EN124 loading conditions
Compaction	98–100% Standard Proctor SP
Flex adapter	10° to all sides (20° in total)
Cover Types	Standard floating and fixed covers can be used with Wavin chambers. The choice of cover type depends on load and surface type

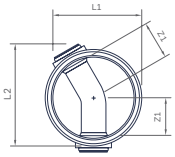
Straight 180°

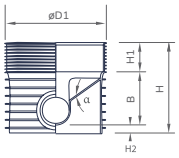




SAP Code	Pipe ø	L1 (mm)	L2 (mm)	ø D1 (mm)	H (mm)	H1 (mm)	H2 (mm)	B (mm)	Z1 (mm)	α°	Weight (kg)
3095262	110	729	768	729	598	197	110	291	321	15	15.28
3095389	160	729	812	729	598	197	121	280	321	15	16.61
3095271	200	729	842	729	598	197	97	304	307	15	17.84
3095277	250	729	882	729	711	197	122	392	314	15	21.84
3095314	315	729	934	729	711	197	98	416	307	15	24.11

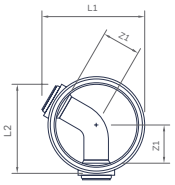
Bend 150°

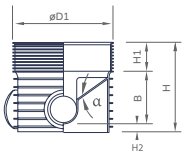




SAP Code	Pipe ø	L1 (mm)	L2 (mm)	ø D1 (mm)	H (mm)	H1 (mm)	H2 (mm)	B (mm)	Z1 (mm)	α°	Weight (kg)
3095317	160	729	812	729	598	197	121	280	321	15	16.49
3095263	200	729	842	729	598	197	97	304	307	15	17.76
3095288	250	742	882	729	711	197	98	416	332	15	24.93
3095302	315	742	934	729	711	197	98	416	307	15	23.98

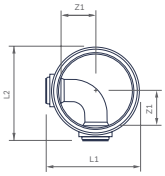
Bend 120°

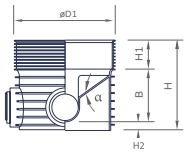




SAP Code	Pipe ø	L1 (mm)	L2 (mm)	ø D1 (mm)	H (mm)	H1 (mm)	H2 (mm)	B (mm)	Z1 (mm)	α°	Weight (kg)
3095285	160	812	774	729	598	197	121	280	321	15	16.49
3095395	200	827	786	729	598	197	97	304	307	15	17.72
3095282	250	818	818	729	711	197	98	416	332	15	24.86
3095299	315	845	845	729	711	197	98	416	307	15	23.91

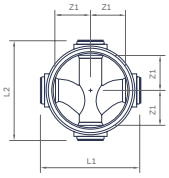
Bend 90°

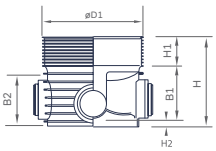




SAP Code	Pipe ø	L1 (mm)	L2 (mm)	ø D1 (mm)	H (mm)	H1 (mm)	H2 (mm)	B (mm)	Z1 (mm)	α°	Weight (kg)
3095381	160	812	812	729	598	197	121	280	321	15	16.59
3095264	200	827	827	729	598	197	97	304	307	15	17.62
3095279	250	847	847	729	711	197	122	416	332	15	24.70
3095305	315	873	873	729	711	197	98	416	307	15	23.75

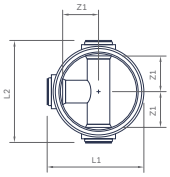
Cross 90°

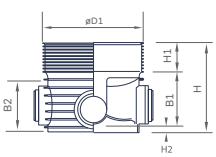




SAP Code	Pipe ø	L1 (mm)	L2 (mm)	ø D1 (mm)	H (mm)	H1 (mm)	H2 (mm)	B1 (mm)	B2 (mm)	Z1 (mm)	α°	Weight (kg)
3095387	160	812	812	729	598	197	121	280	250	321	15	18.45
3095266	200	842	842	729	598	197	97	304	274	307	15	20.63
3095291	250	882	882	729	711	197	122	392	362	314	15	32.34
3095308	315	934	934	729	711	197	98	416	386	307	15	30.44

Tee 90°





SAP Code	Pipe ø	L1 (mm)	L2 (mm)	ø D1 (mm)	H (mm)	H1 (mm)	H2 (mm)	B1 (mm)	B2 (mm)	Z1 (mm)	α°	Weight (kg)
3095392	160	812	768	729	598	197	121	280	250	321	15	17.56
3095273	200	827	812	729	598	197	97	304	274	307	15	19.28
3095294	250	847	842	729	711	197	98	416	386	332	15	28.72
3095320	315	873	882	729	711	197	98	416	386	307	15	27.29

Note: Not suitable for sewer applications (Stormwater only)

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