

A close-up photograph of orange plastic drainage components, including a square grate with a grid pattern and a large circular pipe opening. The components are set against a background of warm, blurred colors. A large, stylized graphic element consisting of overlapping green and blue shapes is positioned on the left side of the image, partially obscuring the background.

Wavin Hepworth Drainage & Sewage



An Orbia business.

WAVIN HEPWORTH Drainage & Sewage System

HEPWORTH is a brand of Wavin
We are Wavin. Leading in our field.

Wavin is now a global leader in the supply of plastic pipe systems and solutions for both above and below ground applications in projects around the world.

Since the 1950s, we have built an unrivalled reputation for continuous innovation, intelligent problem-solving, dedicated technical support and the highest standards.

Today, Wavin employees connect customers to the benefits of our technology and service. We link performance to practicality for durability and faster installation. We have sales and manufacturing operations in most European countries and around the world.

Wavin is part of Orbia



Orbia is a community of companies working together to tackle some of the world's most complex challenges.

We are bound by a common purpose:
To Advance Life Around the World.

Wavin Hepworth Drainage & Sewage System

The Wavin Hepworth Drainage & Sewage system is designed for use in gravity drainage installations with pipe and fittings being offered in 110mm till 400mm diameters.

The Wavin Hepworth Drainage & Sewage range includes a wide variety of standard components such as Bends, Junctions and Rodding Access Fittings together with specialized fittings such as fully roddable Bottle Gullies.



The WAVIN HEPWORTH Drainage & Sewage is a plastic gravity drainage system designed for both foul and surface water applications in housing, industrial, commercial and highway drainage.

The range includes a comprehensive range of fittings, gullies and inspection chambers together with a wide range of adaptors for connection to a variety of other pipe systems.

Drainage Access Options

Sealed Access Fittings

(for use in either suspended drainage and/or traditional manhole applications).

Sealed Rodding Access Fittings

(for use where access is required to the drainage system for testing, inspection, maintenance and the removal of debris).

Pipe Production

Where applicable Wavin Hepworth Drain components comply with the requirements of the following standards and are Kitemarked accordingly i.e. BS EN 13476- 2, BS EN 1401-1 2009, BS 4660:1989/2000.

Where a British or European standard does not exist and again where applicable Wavin Hepworth Drain fittings are covered by a British Board of Agrément Certificate.

RootSeal Technology

For the Wavin Hepworth Drainage & Sewage snap cap and sealing rings we are starting to introduce the green RootSeal Technology that uses a scientifically proven inhibitor to suppress tree root growth to help prevent them damaging pipe systems.



Fitting Design

The majority of Wavin Hepworth Drain fittings are either single or double socketed components to provide total flexibility in use and to reduce installation time on site. The sockets of the components are specially designed to accommodate the co-injected, combined cap and seal – See Joint Design.

Product Details

Hepworth Drainage & Sewage Pipe Data

Hepworth Internal Specification



Solvent Socket

D (mm)	Std L (Mtr)	BSI Certification	Nominal OD		Wavin Cat Code	Wavin SAP Code
			Min (DN)	Max (DN)		
82	6		82.4	82.8	HVT46YSNK113	3097020

Sewerdrain (SDR 41)

BS EN 1401



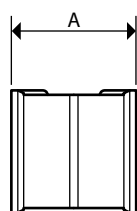
Socket (Push Fit) End Pipe

D (mm)	Std L (Mtr)	BSI Certification	Nominal OD		Wall Thickness (mm)	Wavin Cat Code	Wavin SAP Code
			Min (DN)	Max (DN)			
110	6		110	110.3	3.2	HVT16YIKM114	3097013
160	6		160	160.40	4.0	HVT16YIKM116	3097014
200	6		200	200.50	4.9	HVT46YINK118	3097016
250	6		250	250.50	6.2	HVT46YINK120	3097017
315	6		315	315.60	7.7	HVT46YINK121	3097018
400	6		400	400.70	9.8	DR-WB-FPVC-001600	3096892

Sewerdrain (SDR 41)

Fittings Data

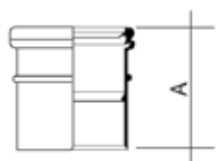
Couplers



Double Socket Coupler

D (mm)	A
82	101
110	118
160	149

Item Code	Wavin SAP Code
HPQ3T02B	3097073
HPQ4T02B	3097032
HPQ6T02B	3097042

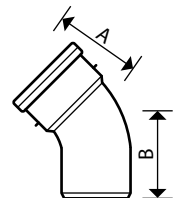


Single Socket Coupler

D (mm)	A
110	108
160	139

Item Code	Wavin SAP Code
HP4P02D-T114	3031990
HP6P02D-T116	3036484

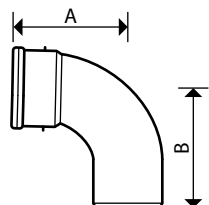
Bends



Bend 45° Double Socket

D (mm)	A	B
110	158	158
160	266	266

Item Code	Wavin SAP Code
HPQ4T04B	3097036
HPQ6P04B	3036986

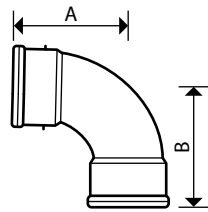


Bend 87.5° Single Socket

D (mm)	A	B
82	75	69
110	160	162

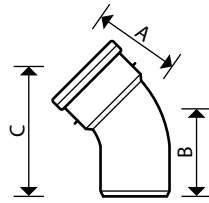
Item Code	Wavin SAP Code
HPQ3T03A	3097075
HPQ4T03A	3097033

Bends



Bend 87.5° Double Socket

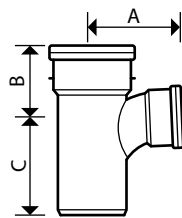
D (mm)	A	B	C	Item Code	Wavin SAP Code
110	123	123	176	HPQ4T03B	3097034
160	170	161	226	HP6P03B-T116	3031994



Bend 45° Single Socket

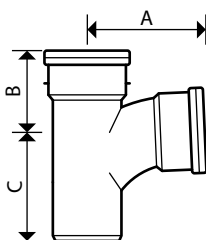
D (mm)	A	B	C	Item Code	Wavin SAP Code
82	99	90	158	HPQ3T04A	3097076
110	105	119	191	HPQ4T04A	3097035

Single Branch



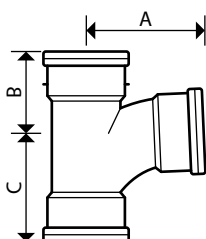
Branch Tee (Reducing)

D (mm)	A	B	C	Item Code	Wavin SAP Code
160x110	170	150	172	WOPVD9050064	3009587



Branch Tee (Equal)

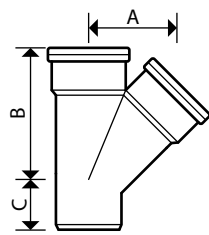
D (mm)	A	B	C	Item Code	Wavin SAP Code
82	155	73	146	HPQ3T08D	3097077



Branch Tee (Equal) triple socket

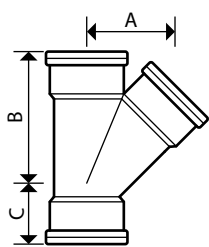
D (mm)	A	B	C	Item Code	Wavin SAP Code
110	170	160	140	HPQ4T08C	3097037
160	230	170	220	HP6P08C-T116	3037396

Single Branch



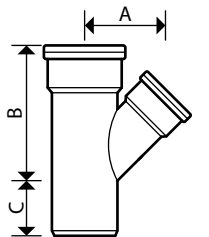
Y Branch 45°(Equal) Double

D (mm)	A	B	C	Item Code	Wavin SAP Code
88				HPQ3T09D	3097030
160	229	298	141	WOPVD9050067	3040843



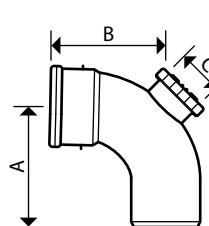
Y Branch 45°(Equal) Triple Socket

D (mm)	A	B	C	Item Code	Wavin SAP Code
82	119	154	83	HPQ3T09C	3097078
110	148	192	96	HPQ4T09C	3097038
160	223	291	135	HP6P09C-T116	3032566



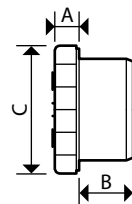
Y Branch 45°(Reducing) Double Socket

D (mm)	A	B	C	Item Code	Wavin SAP Code
160x110	165	205	115	HPQ6x4T09D	3097044



Access Bend 87.5°

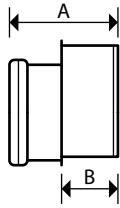
D (mm)	A	B	C	Item Code	Wavin SAP Code
110	214	160	112	WOPVD4P03D	3036641



AccessPlug (Screwed)

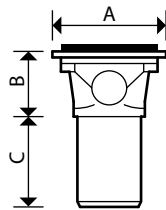
D (mm)	A	B	C	Item Code	Wavin SAP Code
82	21	52	92	HPQ3A21A	3097062
110	21	52	119	HPQ4A21A	3097031

Reducers



Level Invert Reducer

D (mm)	A	B	Item Code	Wavin SAP Code
82x55			HPQ3X2T11A	3097157
110x55			HPQ4X2T11A	3097160
110x82	141	63	HPQ4X3T11A	3097041
160x110	172	64	HP6P11A353	3033614



Access Hopper

D (mm)	A	B	C	Item Code	Wavin SAP Code
110	170	124	118	WOPV4H10A	3032516



P Trap

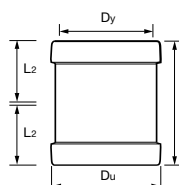
D (mm)	Item Code	Wavin SAP Code
110	HPQ4T10A	3097039

Wavin Sewer Fittings Ring

Material: Wavin Drainage and sewage fittings are made from Poly Vinyl Chloride (PVC) SN 4 (SDR41)

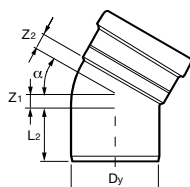
Joint: Rubber Ring

Colour: Terracotta



Double Socket (Push-Fit)

D (mm)	Du	L1	L2	Item Code	Wavin SAP Code
200	225	220	108	WOPVD9050454	3024150
250	284	284	125	WOPVD9050455	3055501
315	353	353	132	WOPVD9050456	3055502
400	444	444	160	WOPVD9050457	3017561



Elbow 15° (Socket / Spigot)

D (mm)	Z1	Z2	L2	Item Code	Wavin SAP Code
160	12	18	81	WOPVD9050330	3032722
200	13	24	100	WOPVD9050340	3009593
250	19	30	121	WOPVD9050350	4083649
315	23	38	142	WOPVD9050360	4083640
400	115	80	155	WOPVD9050370	4001041

Elbow 30° (Socket / Spigot)

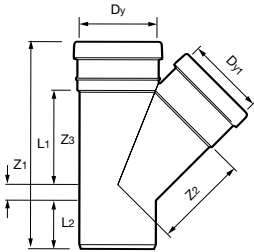
160	23	29	81	WOPVD9050331	3032724
200	30	39	100	WOPVD9050341	3041340
250	37	49	121	WOPVD9050351	3001600
315	47	61	142	WOPVD9050361	3001604
400	115	55	155	WOPVD9050371	3017568

Elbow 45° (Socket / Spigot)

160				WOPVD9050332	3024159
200	46	55	100	WOPVD9050342	3023720
250	57	69	121	WOPVD9050352	3001601
315	72	86	142	WOPVD9050362	3001605
400	125	120	155	WOPVD9050372	4001042

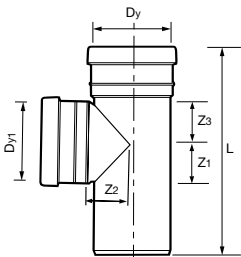
Elbow 88° (Socket / Spigot)

160				WOPVD9050334	3032704
200	105	114	100	WOPVD9050344	3001598
250	132	143	121	WOPVD9050354	4081731
315	166	180	142	WOPVD9050364	4081727
400	125	120	155	WOPVD9050374	4067646



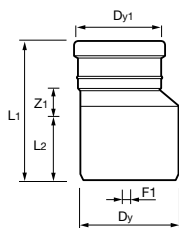
Branch 45° (Socket / Socket / Spigot)

D (mm)	Z1	Z2	Z3	L1	L2	Item Code	Wavin SAP Code
110X110						HPQ4T09D	3097159
160X110						HPQ6X4T09C	3097043
200x110	58	195	239	484	100	WOPVD9050081	3069813
200x160	19	221	214	419	100	WOPVD9050085	3023938
200x200	46	241	241	470	100	WOPVD9050087	3024149
250x110	-38	290	310	510	60	WOPVD9050089	4081719
250x160	-3	260	250	550	160	WOPVD9050103	4081720
250x200	24	350	310	640	166	WOPVD9050105	3009609
250x250	57	340	340	680	143	WOPVD9050107	3001630
315x110	-67	310	320	600	120	WOPVD9050117	4081729
315x160	-33	340	340	680	180	WOPVD9050121	3001634
315x200	6	416	340	652	144	WOPVD9050123	4081732
315x250	39	437	408	751	144	WOPVD9050125	4001061
315x315	83	398	432	819	144	WOPVD9050127	4001056
400x160	-53	450	368	660	155	WOPVD9050139	3017577
400x200	-25	405	400	720	155	WOPVD9050141	4001065
400x250	10	473	465	820	155	WOPVD9050143	3017580
400x315	42	533	482	869	155	WOPVD9050145	3017582
400x400	122	605	512	979	155	WOPVD9050147	4001063



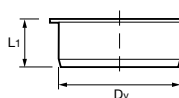
Tee 87° (Socket / Socket / Spigot)

D (mm)	Z1	Z2	Z3	L1	L2	Item Code	Wavin SAP Code
110X110						HPQ4T08D	3097158
160X160						WOPVD9050068	3032712
200x110	61	100	67			WOPVD9050082	4081722
200x160	86	108	91	394		WOPVD9050086	4081723
200x200	105	111	11	435		WOPVD9050088	3001735
250x110	65	129	71			WOPVD9050100	3009610
250x160	89	132	95			WOPVD9050104	3001633
250x200	108	134	115			WOPVD9050106	3009611
250x250	132	138	138			WOPVD9050108	4083639
315x110	90	219	120	514	144	WOPVD9050118	3001633
315x160	120	242	140	564	144	WOPVD9050122	4081730
315x200	140	320	160	604	144	WOPVD9050124	4001060
315x250	175	340	200	680	144	WOPVD9050126	3017573
315x315	180	298	217	645	144	WOPVD9050128	4001057
400x110	120	264	165	630	155	WOPVD9050136	3017575
400x160	175	277	160	680	155	WOPVD9050139	3017577
400x200	140	284	245	730	155	WOPVD9050142	3017579
400x250	175	265	200	720	155	WOPVD9050144	3017581
400x315	240	298	260	845	155	WOPVD9050146	3017583
400x400	255	575	250	858	155	WOPVD9050148	4001064



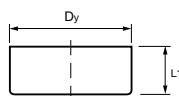
Reducer (Socket/ Spigot)

D (mm)	Z1	Z2	Z3	Item Code	Wavin SAP Code
200x160	13	24	100	WOPVD9050420	3023953
250x200	19	30	121	WOPVD9050427	3017594
315x250	23	38	142	WOPVD9050431	4001080
400x315	115	80	155	WOPVD9050435	4001081



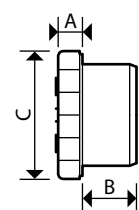
Socket Plug

D (mm)	L1	Item Code	Wavin SAP Code
110		WOPVD9050511	3043971
160	42	WOPVD9050513	3032709
200	80	WOPVD9050514	3022151
250	80	WOPVD9050515	3009508
315	80	WOPVD9050516	3009509
400	90	WOPVD9050517	3009510



End Cap

D (mm)	L1	Item Code	Wavin SAP Code
110	32	WOPVD9050531	3001653
160	42	WOPVD9050533	3001656
200	50	WOPVD9050534	3009571
250	55	WOPVD9050535	3009505
315	62	WOPVD9050536	3009506
400	70	WOPVD9050537	3009507



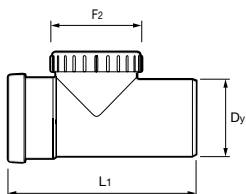
Screwed Access Plug

D (mm)	Item Code	Wavin SAP Code
160	WOPVD3001660	3001660

* Type 1



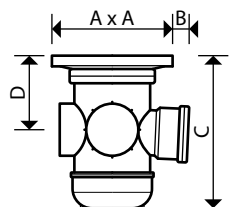
** Type 2



Access Pipe

Dy (mm)	L1	F2	Item Code	Wavin SAP Code
110*	262	126,4	WOPVD9050401	3022138
160**	400	200x100	WOPVD9050403	3022140
200**	524	300x220	WOPVD9050404	3009601

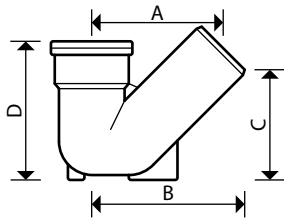
Bottle Gully



D (mm)	AxA	B	C	D	Item Code	Wavin SAP Code
110	228x228	62	317	157	WO3037399	3037399



Gully Trap



D (mm)	A	B	C	D	Item Code	Wavin SAP Code
110	220	300	175	205	WOPV4T10TC	3032565



Untrapped Road Gully

D (mm)	Capacity (Lt)	Item Code	Wavin SAP Code
510	115	HPG01A-GR920	3031940

Wavin Road Gullies

WAVIN TEGRA ROAD GULLY

1 Handle and foot rest for easy installation

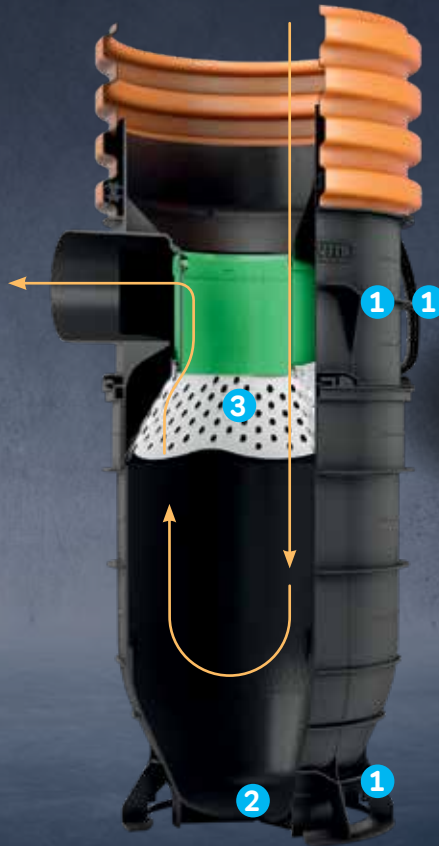
The road gully's ergonomics, highlighted by its handle, foot rest and light-weight plastic construction make installation a fast, cost-efficient and easy one-man job. They eliminate the need for a crane or excavator and reduce the risk of costly reworks. No concrete is needed as the road gully's flat base means installation and levelling can be undertaken straight into the soil. Using a telescopic pipe, you can also easily adjust the height to the ideal surface level.

2 Enjoy the benefits of low maintenance

The road gully features a unique bowl-shaped bottom. Free of edges and corners that can trap litter, cleaning becomes a fast, efficient and time-saving process.

3 360° filter ensures robust performance

The 360° water trap and filter with upward flow minimise the risk of blocking and prevent clogging of the downstream pipe system, while the filter location does not compromise sand trap volume. The road gully's plastic construction limits the risk of breakage and ensures it always retains its position. Altogether, the road gully delivers a robust level of performance and a reduction in incidental maintenance.



Plastic vs concrete

The Wavin Road Gully is made of polypropylene. This makes it highly resistant to breakage during transport, installation and maintenance, without compromising the strength during its lifetime.

The new road gully is a sustainable and fully recyclable product.

The flexibility of its plastic shaft can compensate for soil settlement, reducing damage to covers and ensuring proper inflow into the road gully.

Tegra RG with sand trap

Basic RG without sand trap



L-70 or M-45
425/400



L-70 or M-45
315

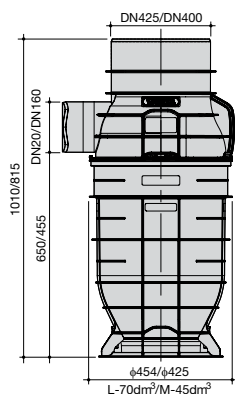


S-0
400



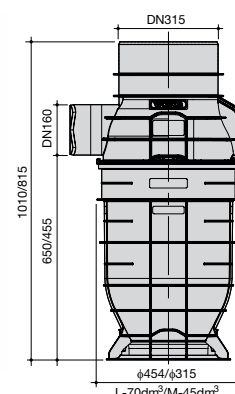
S-0
315

Range of products



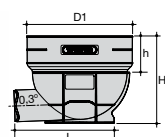
Tegra RG 425/ 400 with sand trap (without seal)

Diameters	Volume of sand trap	Equipment	Wavin SAP Code
425/400	L-70 dm ³	outlet dn 200	3077251
425/400	L-70 dm ³	outlet dn 200 / siphon L / filter	3077253
425/400	L-70 dm ³	outlet dn 160	3079159
425/400	L-70 dm ³	outlet dn 160 / siphon M / filter	3077249
425/400	M-45 dm ³	outlet dn 160	3079160
425/400	M-45 dm ³	outlet dn 160 / siphon M / filter	3079669



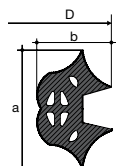
Tegra RG 315 with sand trap (without seal)

Diameters	Volume of sand trap	Equipment	Wavin SAP Code
315	L-70 dm ³	outlet dn 160	3077246
315	M-45 dm ³	outlet dn 160	3077243
315	M-45 dm ³	outlet dn 160 / siphon M / filter	3079240

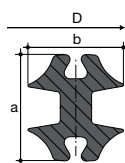


Basic RG 315 without sand trap (without seal)

Diameters	D1 (mm)	H (mm)	h (mm)	L (mm)	Weight (kg)	Wavin SAP Code
400 x 160	417	388	150	469	2.8	3077207
315 x 160	370	304	100	445	2.0	3077206
315 x 110	370	304	100	414	2.0	3077205



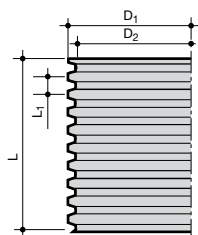
Type G2



Type X

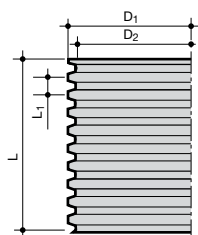
Seals

Diameters	a (mm)	b (mm)	D (mm)	Wavin SAP Code
Type G2				
425	48.4	31,1	474.0	4067726
Type X				
400	24.6	20.9	402.0	4049083
315	23.2	20.0	354.0	4049033



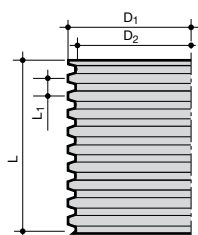
Corrugated shaft pipes 425

D1 (mm)	D2 (mm)	L (mm)	L1 (mm)	Wavin SAP Code
Stiffness class 2 $\leq$ SN < 4 kN/m²				
476	425	750	70	3080265
476	425	2000	70	3080268
476	425	3000	70	3080267
476	425	6000	70	3045520



Corrugated shaft pipes 400

D1 (mm)	D2 (mm)	L (mm)	L1 (mm)	Wavin SAP Code
Stiffness class 2 $\leq$ SN < 4 kN/m²				
400	364	750	50	3080266
400	364	2000	50	3044020
400	364	3000	50	3044021
400	364	6000	50	3023955



Corrugated shaft pipes 315

D1 (mm)	D2 (mm)	L (mm)	L1 (mm)	Wavin SAP Code
315	354	1250	50	3070772
315	354	2000	50	3070773
315	354	3000	50	3070774
315	354	6000	50	3070775

Remark

Top solutions (gratings) from local market.

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- Hot and cold water
- Heating and cooling
- Water and gas distribution
- Waste water drainage



Wavin is part of Orbia, a community of companies working together to tackle some of the world's most complex challenges. We are bound by a common purpose: To Advance Life Around the World.



Orbia's Building and Infrastructure business Wavin is an innovative solutions provider for the global building and infrastructure industry. Backed by more than 60 years of product development experience, Wavin is advancing life around the world by building healthy, sustainable environments for global citizens. Whether it's to improve the distribution of clean drinking water, to make sanitation accessible for everyone, to create climate resilient cities, or to design comfortable living spaces, Wavin collaborates with municipal leaders, engineers, contractors, and installers to help future-proof communities, buildings and homes. Wavin has 12,000+ employees around 65 production sites worldwide, serving over 80 countries through a global sales and distribution network.

Wavin Middle East FZE | Tiffany Tower no. 2408 | W Cluster JLT | Dubai | United Arab Emirates

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