

## PRODUCT REFERENCE LIST

### VIPA DRS

2 May 2016

Year	Country	Project Name	Quantity of rail seats	Build	Max. Axle Load	Line Speed (kph)	Min. Curve Radius	Track Gauge (mm)
1982	Hong Kong	MTRC Tsuen Wan Line (Viaduct)	9,000	Top Down Wet Pour	17T	80	280 m	1435
1984	Hong Kong	MTRC Island Line Viaduct	3,700	Top Down Wet Pour	17T	80	280 m	1435
1984	Hong Kong	MTRC Island Line Tunnel	4,000	Top Down Wet Pour	17T	80	280 m	1435
1987	Singapore	Singapore Mass Rapid Transit (SMRT) Trains Ltd. East West Line (Tunnel) / North South Line.	60,000	Embedded Sleeper	17T	90	300 m	1435
1987	United Kingdom	Dockland Light Rail (DLR) Canary Warf to Crossharbour	8,000	Top Down Wet Pour	9 T	N/A	40 m	1435
1989	Hong Kong	MTRC Kwun Tong Line Viaduct	3,200	Top Down Wet Pour	17T	80	280 m	1435
1990	United Kingdom	Dockland Light Rail (DLR) Tower Gateway to Shadwell	4,500	Top Down Wet Pour	9 T	N/A	40 m	1435
1991	Belgium	SNCB	700	Steel Bridge	22.5T	130	Tangent	1435
1994	United Kingdom	Dockland Light Rail (DLR) Poplar to Beckton	18,000	Top Down Wet Pour	9 T	N/A	40 m	1435
1997	Hong Kong	MTRC Hong Kong Airport Line	1,000	Turnouts	17T	130	280 m	1435
1998	Brasil	Line 11	15,000	Top Down Wet Pour	21T	90	300 m ML 150 m SL	1435
1998	Slovenia		600	Embedded Sleeper	22.5T	120	280 m	1435
2005	Hong Kong	MTRC Disneyland Rail Tunnel	2,500	Embedded Sleeper	17T	80	280 m	1435
2008	United Arab Emirates	Dubai Municipality Dubai Metro	361,500	Top Down Wet Pour	14T	100	250 m	1435
2011	Turkey	Kadikoy Kartel Istanbul	130,000	Top Down Wet Pour	16T	80	220 m	1435



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2012	India	Chennai Metro Phase 1 and 2	317,972	Top Down Wet Pour	17T	80	120 m	1435
2012	India	Chennai Railways MRTS Phase 2	20,306	Top Down Wet Pour	22.9T	110	300 m	1676
2014	India	Kolkata Metro Rail Co. Ltd. Phase 1 and 2	55,000	Top Down Wet Pour	16T	80	117 m	1435
2014	India	Delhi Metro Rail Corp. Phase 3 CT2R	263,000	Top Down Wet Pour	16T	95	100	1435
2014	Thailand	Bangkok MRTA Purple Line	180,000	Top Down Wet Pour	16 T	80	100 m	1435
2014	Thailand	Bangkok MRTA Green Line	100,000	Embedded Sleeper	16 T	80	100 m	1435
2014	Malaysia	Kuala Lumpur KV MRT	361,000	Embedded Sleeper	14 T	100	150 m	1435
2015	India	Delhi Metro Rail Corp. Phase 3 CT1B	186,500	Top Down Wet Pour	16T	95	100	1435
2015	India	Delhi Metro Rail Corp. Phase 3 CT1A	186,500	Top Down Wet Pour	16T	95	100	1435
2015	Korea	UI Metro	62,576	Top Down Wet Pour	13.5 T	80	100 m	1435
2016	Singapore	Thomson Line	180,000	Embedded Sleeper	16T	90	190 m	1435