

PRODUCT REFERENCE LIST

Fastclip FE

2 May 2015

Year	Country	Authority	No	Rail	Track	Fixed To	Description
2007	UK	Network Rail		UIC60 60E1			FE1404 – Mk1 FE assembly
2008	Czech Republic	Ostrava Tram Authority		49E1			FE1404 – Mk1 FE assembly
2009	Hungary	BKV		M48, UJ48 and S48			FE1404 sherardized
2009	Hungary (Railone)	MAV		54E1 UIC54			FE1404
2009	Norway	NSB		S54 54E3			FE1404
2009	Romania	CFR		R65			FE1404. Joint bar insulator
2009	Norway	NSB		S54 54E3			FE1404
2009	Romania	CFR		R65			FE1404 Joint bar insulator
2010	Australia	ARTC		AS53			FE1404
2010	Brazil	VALE		TR68			FE1504
2010	Czech Republic	Ostrava Tram Authority		49E1			FE1404
2010	Hungary (MABA)	MAV		60E1			FE1404
2010	Serbia	SR		S49			FE1404
2010	Serbia	SR		S49			FE1404
2012	Albania	State Railways	1200	S49	Ballast	Concrete	
2012	Bulgaria	NRIC		60E1			FE1404
2012	Estonia			R65			FE1504 with 14363 toe
2012	Lithuania	LG		R65			FE1504
2012	Malaysia	KTM		54E1			FE1404 with 12443 UV H/
2012	Mongolia	Ulaanbaatar Joint Stock Railway		R65			FE1504
2012	Mongolia	Ulaanbaatar Joint Stock Railway		R65			FE1504
2012	Norway	NSB		49E1			FE1404
2012	Norway	NSB		60E1			FE1404
2012	Turkey	Kayseri Municipality	5000	S49/ Ri59	Single blocks	Concrete	City LRT



Year	Country	Authority	No	Rail	Track	Fixed To	Description
2012	Lithuania	LG		R65			FE1504
2012	Malaysia	KTM		54E1			FE1404 with 12443 UV H/
2012	Mongolia	Ulaanbaatar Joint Stock Railway		R65			FE1504
2012	Mongolia	Ulaanbaatar Joint Stock Railway		R65			FE1504
2012	Norway	NSB		49E1			FE1404
2012	Norway	NSB		60E1			FE1404
2012	Turkey	Kayseri		49E1			FE1404
2012	Turkey	TCDD		60E1			FE
2012	USA	New Jersey Transit					FE1404
2013	Australia	Metro Trains		AS47			FE1404
2013	Norway	Narvik					FE1504
2013	Norway	Narvik					FE1504
2013	UK	LUL		56E1			FE1404
2013	USA	DART		115RE			FE1404
2013	USA	FE RR		136RE			FE1505
2013	USA	LIRR (Long Island Rail Road)		136RE			FE1404
2013	USA	Rail America		141RE			FE1404
2014	Belarus			R65			FE1404
2014	Bulgaria	NRIC	15000	60E1			FE1408
2014	UK	Croydon Tram		49E1			FE1404
2014	Ukraine	Krolevets		R65			FE1404
2014	USA	Burlington Northern (BN)		136RE			FE1504 PANUSA manufacture
2014	USA	UP - Oregon		141RE			FE1505 (made by PANUSA)
2015	Hungary	BKV - Budapest Metro 1		54E1			FE1404