

nora® Transportation Projects

nora®

Metros / Subways

Project	Country	Manufacturer / Customer	Year	nora® flooring
U-Bahn München	Austria	Siemens	2012	noraplan® plus (931)
Metro Melbourne	Australia	Siemens	2001	noraplan® stone (931)
MTM Newport Australia	Australia	Siemens	2014	noraplan® stone (931)
Brussels	Belgium	STIB / MIVB	2001	norament® 923
Brussels	Belgium	Bombardier	2002	norament® 923
Metro Brussels	Belgium	CAF	2005	norament® 923 grano
Metro Brazil	Brazil	Rotem	2005	noraplan® stone
Sao Paulo	Brazil	Rotem	2008	noraplan® stone (931)
Salvador Phase 2 112 Cars	Brazil	Rotem	2015	noraplan® stone (931)
Sao Paulo CPTM 240 cars	Brazil	Rotem	2015	noraplan® stone plus (931)
City of Montreal	Canada	Bombardier	2000	noraplan® stone
Canada	Canada	Rotem	2006	noraplan® mega
Metro Shanghai	China	ADtranz	2000	noraplan® uni
Metro Shanghai line 5	China	ALSTOM	2002	noraplan® plus (931)
Metro Shanghai line 4	China	Siemens	2004	noraplan® plus (931)
Metro Vienna	China	Siemens	2004	noraplan® stone (931)
Metro Beijing line 5	China	CRC	2005	noraplan® plus
Metro Beijing line 2	China	CRC	2006	noraplan® stone
Metro Beijinmg line 10	China	CRC	2006	noraplan® mega
Metro Wuhan 1 Ext. line	China	Zhuzhou	2009	noraplan® stone
Metro Tianjin 3	China	Qingdao Sifang	2009	noraplan® stone (931)
Metro Shanghai 2 Ext. line	China	Puzhen	2009	noraplan® stone (931)
Metro Shanghai line 13	China	Puzhen	2011	noraplan® grip plus
Metro Wuhan 2	China	Zhuzhou	2011	noraplan® signa
Metro Kunming	China	Zhuzhou	2011	noraplan® mega
Metro Shanghai line 12	China	CBRC	2011	noraplan® signa
Metro Shanghai line 16	China	CSR Zhuzhou	2012	noraplan® mega
Metro Shanghai line 3 & 4	China	CNR	2013	noraplan® stone
Metro Wuhan line 4	China	CSR Zhuzhou	2013	noraplan® mega
CSR Malayisa	China	CSR Zhuzhou	2014	noraplan® mega
Metro Nanning line 1	China	CSR Zhuzhou	2014	noraplan® signa
Subway Cairo	Egypt	Kinki Sharyo	1992	norament® 921
Metro Helsinki	Finland	Bombardier	2000	noraplan® mega
Metro de Lyon	France	S.L.T.C	2001	noraplan® plus (931)
MS 61	France	RATP	2005	noraplan plus (931)
MF 67	France	RATP	2005	noraplan plus (931)
MI 79	France	ALSTOM	2009	noraplan plus (931)
Metro Berlin	Germany	Bombardier	1987	noraplan® viva
Berlin	Germany	BVG	1999	noraplan® stone
Metro Munich	Germany	ADtranz	1999	noraplan® effect
Metro Athens	Greece	Rotem	2003	noraplan® stone
Metro Delhi	India	Bombardier	2011	noraplan® stone (931)
Metro Chennai (Car Kit)	India	Alstom	2013	noraplan® grip / stone
Metro Hyderabad	India	Rotem	2013	noraplan® stone (931)
RS10 Delhi	India	Rotem	2014	noraplan® stone (931)
IRAN	Iran	Rotem	2007	noraplan® stone (931)
Tokyo Metro	Japan	Takara	2010	noraplan® stone (931)
Yurikamome	Japan	Takara	2011	noraplan® stone (931)
Seibu Railway Maintenance	Japan	Takara	2011	noraplan® stone (931)
Tokyo Metro 10000 series	Japan	Takara	2011	noraplan® stone plus (931)
Daegu Line 2	Korea	Rotem	2004	noraplan® stone (931)
Seoul Line 2,3 + 4	Korea	Heung Il	2004	noraplan® uni (931)
Seoul Line 6,7 + 8	Korea	Rotem	2004	noraplan® stone (931)
Seoul line 1,2,3 + 4	Korea	ROWIN	2005	noraplan® uni (931)

Seoul Line 5,6 + 8	Korea	Heung Il	2005	noraplan [®] stone (931)
Seoul Line 6,7 + 8	Korea	Rotem	2005	noraplan [®] stone (931)
Seoul Line 5	Korea	SLS Heavy	2006	noraplan [®] stone (931)
Seoul line 2	Korea	Rotem	2007	noraplan [®] stone / grip (931)
Seoul Line 9	Korea	Rotem	2009	noraplan [®] stone (931)
Malaysia	Malaysia	Rotem	2008	noraplan [®] plus
Metro Oslo	Norway	Siemens	2005	noraplan [®] plus
Metro Warschau	Poland	Siemens	2011	noraplan [®] stone (931)
Metro Lisbon	Portugal	ADtranz	1998	norament [®] 923
Metro Porto	Portugal	ADtranz	2001	noraplan [®] stone
Syrian Railway	Syria	Rotem	2005	noraplan [®] stone
Metro Taipei	Taiwan	Siemens	2003	noraplan [®] vario
City of Ankara	Turkey	Bombardier	1983	noraplan [®] vario
Metro Istanbul	Turkey	ALSTOM	2008	noraplan [®] stone
Metro Izmir 120 cars	Turkey	Rotem	2013	noraplan [®] stone (931)
Metro North	USA	Bombardier	1997	noraplan [®] vario
Amtrak Metro Liner	USA	Bombardier	1999	norament [®] 925
New Jersey Transit	USA	A.A.I.	2000	noraplan [®] stone
Los Angeles Transit	USA	Bombardier	2001	norament [®] 825
New York City Transit	USA	Kawasaki	2001	norament [®] 925 lago
New York City Transit	USA	NYCTA	2001	norament [®] 925 lago
New Jersey Transit	USA	Bombardier	2002	noraplan [®] vario
New York City Transit	USA	Bombardier	2002	norament [®] 925 lago / norament [®] terrazzo
Los Angeles Transit	USA	Rotem	2008	norament [®] 825
NYCT R-160	USA	Kawasaki	2010	norament [®] 925 lago
NYCT R-188	USA	Kawasaki	2012	norament [®] 925 lago
NYCT R-179	USA	Bombardier	2013	norament [®] 925 lago

Light Rail Systems

Project	Country	Manufacturer / Customer	Year	nora® flooring
Alger	Algeria	Alstom	2009	noraplan® stone (931)
Constantine	Algeria	Alstom	2009	noraplan® stone (931)
Oran	Algeria	Alstom	2009	noraplan® stone (931)
ULF Vienna	Austria	Siemens	2003	noraplan® stone (931)
V-Wagen	Austria	Siemens	2013	noraplan® stone (931)
Tramway Brussels	Belgium	STIB/MIVB	1993	norament® 923 grano
Tramway Brussels	Belgium	Bombardier	2005	noraplan® stone (931)
Beijing Rail car Xijiao line	China	Dalian	2014	noraplan® stone (931)
CITADIS Lyon	France	Alstom	1999	noraplan® plus (931)
CITADIS Valenciennes	France	Alstom	2000	noraplan® plus (931)
CITADIS Orleans	France	Alstom	2001	noraplan® plus (931)
CITADIS Montpellier	France	Alstom	2002	noraplan® plus (931)
Citadis Bordeaux	France	Alstom	2003	noraplan® plus (931)
Mulhouse	France	Alstom	2005	noraplan® stone (931)
Strasbourg	France	Alstom	2005	noraplan® plus (931)
Grenoble	France	Alstom	2006	noraplan® plus (931)
Le Mans	France	Alstom	2006	noraplan® stone (931)
Reims	France	Alstom	2006	noraplan® stone (931)
Angers	France	Alstom	2007	noraplan® stone (931)
Nice	France	Alstom	2007	noraplan® plus (931)
Citadis Le Havre	France	Alstom	2011	noraplan® stone (931)
Citadis Brest	France	Alstom	2011	noraplan® stone (931)
Citadis Dijon	France	Alstom	2011	noraplan® stone (931)
Citadis Rouen	France	Alstom	2011	noraplan® stone (931)
Citadis Toulouse	France	Alstom	2013	noraplan® stone (931)
Citadis Aubagne	France	Alstom	2013	noraplan® plus (931)
Citadis Constantine	France	Alstom	2013	noraplan® stone (931)
Citadis Bordeaux	France	Alstom	2013	noraplan® plus (931)
Citadis Strasbourg	France	Alstom	2014	norament® 920
Tramway Munich	Germany	ADtranz	1989	noraplan® stone
S-Bahn Berlin, BR 481	Germany	ADtranz	1992	noraplan® viva
Tramway Berlin	Germany	ADtranz	1993	noraplan® stone
ET 474	Germany	Alstom	1995	noraplan® mega
Oberlandbahn	Germany	PFA	1997	noraplan® effect
BR 642	Germany	Siemens	1999	noraplan® effect
Tramway Dresden	Germany	Bombardier	1999	noraplan® stone
ET 423	Germany	Alstom	2000	noraplan® effect
LINT	Germany	Alstom	2001	noraplan® effect
Tramway Essen	Germany	Bombardier	2001	noraplan® stone
Tramway Jena	Germany	Bombardier	2001	noraplan® stone
LINT	Germany	Alstom	2002	noraplan® effect
Tramway Rhein-Neckar	Germany	Bombardier	2003	noraplan® stone
Double-Deck Coaches	Germany	Bombardier	2004	noraplan effect
CITADIS Kassel	Germany	Alstom	2007	noraplan® effect
ET 422	Germany	Alstom	2008	noraplan® effect
Tramway Bremen	Germany	Bombardier	2008	noraplan® stone
CITADIS Dublin	Ireland	Alstom	2001	noraplan® plus (931)
Jerusalem	Israel	Alstom	2008	noraplan® plus (931)
Macao APM MHI	Japan	Takara	2012	norament® 926 grano
Rabat	Morocco	Alstom	2009	noraplan® stone (931)
Citadis Casablanca	Morocco	Alstom	2011	noraplan® stone (931)
Tramway Krakow	Poland	Bombardier	2000	noraplan® stone
Tenerife	Spain	Alstom	2005	noraplan® stone (931)
Istanbul	Turkey	Alstom	2008	noraplan® stone (931)

Citadis Dubai	U.A.E.	Alstom	2013	noraplan [®] stone (931)
Citadis Nottingham	UK	Alstom	2012	noraplan [®] grip (931)
Salt Lake City LRV	USA	Siemens	2011	norament [®] 925 grano
San Diego LRV	USA	Siemens	2011	norament [®] 925 grano
Siemens - Twin Cities	USA	Siemens	2013	norament [®] 925 grano
TriMet 3	USA	Siemens	2013	norament [®] 926 grano
Cincinnati-Kansas Transit	USA	CAF	2014	noraplan [®] stone plus
Houston LRV	USA	CAF	2014	noraplan [®] stone plus

High Speed Trains

Project	Country	Manufacturer / Customer	Year	nora® flooring
Velaro China	China	Tangshan	2008	noraplan® grip
CRH1 EMU 796	China	Bombardier	2008	noraplan® plus (931)
CRH1 EMU 797	China	Bombardier	2008	noraplan® grip (931)
CRH3 EMU	China	Siemens Tangshan	2009	noraplan® grip
CRH1 EMU 799	China	Bombardier	2010	noraplan® plus (931)
CRH3 zhengzhoushanxi	China	Siemens Tangshan	2010	noraplan® grip
CRH1 EMU 798	China	Bombardier	2011	noraplan® grip
CRH2	China	CSR Sifang	2011	noraplan® grip
CRH1 EMU 806	China	Bombardier	2011	noraplan® plus (931)
CRH1 EMU 803	China	Bombardier	2012	noraplan® plus (931)
CRH6 - 160 KM	China	CSR Sifang	2013	noraplan® stone (934)
CRH6 - 200 KM	China	CSR Sifang	2013	noraplan® stone (934)
Qingdao E27 train	China	CSR Sifang	2013	noraplan® grip plus (934)
Qingdao E28 train	China	CSR Sifang	2013	noraplan® grip plus (934)
BST 798	China	Qingdao Bombardier	2013	noraplan® grip plus (931)
BSP 807	China	Qingdao Bombardier	2013	noraplan® grip plus (931)
Qingdao E21 train	China	CSR Sifang	2014	noraplan® grip plus (934)
TGV	France	SNCF	1989	norament® duo
ICE 1-3	Germany	Alstom	1989	noraplan® stone
Amtrak	USA	Bombardier	1999	norament® 925 grano

Heavy Railways

Project	Country	Manufacturer / Customer	Year	nora® flooring
Regional Railways	Belgium			noraplan® stone
Metrolinx 263	Canada	Bombardier	2013	noraplan® ultra grip
Chinese Railways	China	Alstom	2000	noraplan® plus (931)
Tibet line	China	Bombardier	2004	noraplan® plus (931)
Taiwan Common Railway	Taiwan	TRSC	2012	noraplan® eco stone
Egyptian Railways	Egypt	Temoinsa	2002	noraplan® vario
Finnish Railways	Finland	Transtech		noraplan® stone
Finnish Railways	Finland	Alstom	2003	noraplan® plus, norament® 921
TER X72500	France	Alstom	1998	noraplan® plus (931)
TER X73500	France	Alstom DDF	1999	noraplan® plus (931)
Transilien	France	SNCF	2007	noraplan® grip (931)
City Bahn refurbishment	Germany	PFA		noraplan® stone
couchette coaches	Germany	PFA		noraplan® effect
Passenger coaches	Germany	PFA		noraplan® effect
Double-deck coaches	Germany	Bombardier		noraplan® effect
Double-deck coaches KISS	Germany	Stadler	2011	noraplan® stone
KISS CFL	Germany	Stadler	2012	noraplan® effect (932)
FLIRT ET-SW (DB)	Germany	Stadler	2012	noraplan® stone
FLIRT ENR	Germany	Stadler	2013	noraplan® stone
FLIRT MSH	Germany	Stadler	2013	noraplan® ultra grip / unita
KISS u. FLIRT EMIL	Germany	Stadler	2014	noraplan® stone

LINT Köln (Car Kit)	Germany	Alstom	2012	noraplan [®] effect (932)
LINT Netinera (Car Kit)	Germany	Alstom	2013	noraplan [®] stone
LINT LNVG 7 (Car Kit)	Germany	Alstom	2013	noraplan [®] effect
LINT DNOW	Germany	Alstom	2014	noraplan [®] effect (932)
ICX	Germany	Siemens	2014	noraplan [®] ultra grip
Tsukuba Express	Japan	Takara	2011	noraplan [®] stone (931)
SGM III / SGM II	Nether-lands	Bombardier	2002	noraplan [®] plus (931)
Gardemoen Train Oslo	Norway	ADtranz		noraplan [®] plus (931)
River Targus	Portugal	CAF / ALSTOM		noraplan [®] plus (931)
Aeroexpress Russia	Russia	Stadler	2014-2015	noraplan [®] grip plus
SBB Double-deck coaches	Switzerland	Bombardier	2010-2015	noraplan [®] stone
Rhätische Bahn	Switzerland	Stadler	2011	noraplan [®] grip
Zentralbahn	Switzerland	Stadler	2011-2013	noraplan [®] stone
Class 142	UK	Hunslet Barclay		noraplan [®] plus (931)
Class 142	UK	Hunslet Barclay		noraplan [®] plus (931)
Class 150/1	UK	Hunslet Barclay		noraplan [®] plus (931)
Refurbishment 354	UK	Bombardier		noraplan [®] effect (931)
Superliner	USA	Several		norament [®] 925
Cascades	USA	Talgo		norament [®] 925 grano / norament [®] 925 lago
C-3	USA	Kawasaki		norament [®] 925 grano
MARC	USA	Kawasaki		norament [®] 925 lago
Comet IV	USA	Bombardier		noraplan [®] stone
Sound Transit	USA	Bombardier		norament [®] 925 lago
Kawasaki PA5	USA	Kawasaki	2010	norament [®] 925 grano
CTA	USA	Bombardier	2013	noraplan [®] stone plus
BART	USA	MCI	2013	noraplan [®] stone plus
WMATA	USA	WMATA	2013	norament [®] 925 grano
Sun Rail 256	USA	Bombardier	2013	norament [®] 926 grano
WMATA 7000	USA	Kawasaki	2014	norament [®] 925 lago
AMTRAK Baggage cars	USA	CAF	2014	norament [®] 925 grano
M8	USA	Kawasaki	2014	noraplan [®] plus
Metra Amerail	USA	MCI	2014	norament [®] 925 grano
Metra BUDD	USA	MCI	2014	norament [®] 925 grano
Metra Nippon Sharyo	USA	Nippon Sharyo	2014	noraplan [®] ultra grip
Smart DMU	USA	Nippon Sharyo	2014	noraplan [®] stone

State: 02/2015