

Project List - Precast Segmental Lining

Bekaert • Maccaferri Underground Solutions



Year	Project	Tunnel Type	Country	ØExt (m)	Thickness (mm)	Fibre Name	SFRC ONLY	Combined solution
2017	Ottawa CSST - Ottawa, ON	Sewage	Canada	3,70	350	Dramix® 4D 8060BG		
2017	South Hartford CSO - Hartford, CT	Sewage	USA	6,10	305	Dramix® 4D 8060BG		
2017	Expolink 2020	Metro	Dubai	8,50	400	Dramix® 4D 8060BG		
2017	CMC Catania	Metro	Italy			Dramix® 4D 8060BG		
2017	Forrestfield Airport Link	Rail	Australia			Dramix® 4D 8060BG		
2016	Hanlan Water Tunnel - Region of Peel, ON	Sewage	Canada	3,60	300	Dramix® 3D 6560BG		
2016	Ohio Canal Interceptor CSO - Akron, OH	Sewage	USA	9,14	355,6	Dramix® 3D 6560BG		
2016	Blacklick Creek Sanitary Interceptor Sewer	Sewage	USA	3,05	229	Dramix® 5D 6560BG		
2016	Neuer Albulatunnel II	Rail	Switzerland			Dramix® 4D 8060BG		
2016	Centennial parkway trunk sewer - Hamilton	Sewage	Canada			Dramix® 4D 8060BG		
2016	Quito Metro	Metro	Ecuador	9,07	320	Dramix® 4D 8060BG		
2016	Nice Tramway Line 2	Metro	France	9,30	400	Dramix® 3D 6560BG		
2016	Paris Metro Line 14 (prolongation)	Metro	France	9,30	400	Dramix® 4D 8060BG		
2016	Follo line	Rail	Norway	9,55	400	Dramix® 4D 6558BG		
2016	Northern Line Extension	Metro	UK	5,30	220	Dramix® 3D 8060BG		
2016	Shieldhall Sewer Tunnel	Sewage	UK	5,20	300	Dramix® 4D 8060BG		
2015	Metro linea 6	Metro	Brazil	10,60	400	Dramix® + Duomix® M6 fire		
2015	Liantang Tunnel	Road	Hong Kong	13,00	500	Dramix®		
2015	Doha Metro Red line South	Metro	Qatar	6,77	300	Dramix®		
2015	Thomson Line T207	Metro	Singapore	6,35	275	Dramix® + Duomix® M6 fire		
2015	Sanierungstunnel Belchen	Road	Switzerland	13,52	350	Dramix®		
2015	Farnworth Rail Tunnel	Rail	UK	8,00	300	Dramix® 3D 6560BG		
2015	Dugway Storage Tunnel - Cleveland, OH	Sewage	USA	7,93	305	Dramix® 3D 6560BG		
2015	First Street CSO - Washington, DC	Sewage	USA	6,10	250	Dramix® 3D 6560BG		
2015	LA Water River Supply Conduit - 5&6 - North Hollywood, CA	Hydro	USA	3,05	250	Dramix® 3D 6560BG		
2014	Sydney North West Rail Link	Rail	Australia			Wirand		
2014	Metro linea 6	Metro	Brazil	8,43	400	Dramix® + Duomix® M6 fire		
2014	Evergreen LRT Line - Vancouver, BC	Metro	Canada	5,40	350	Dramix® + Duomix® M6 fire		
2014	Abu Hamour - Doha	Sewage	Qatar	3,75	200	Dramix®		
2014	Green Line, Doha Metro	Metro	Qatar	6,77	300	Dramix® + Duomix® M6 fire		
2014	Thomson Line T206	Metro	Singapore	6,35	275	Dramix® + Duomix® M6 fire		
2014	Safety Tunnel Giessbach	Road	Switzerland	5,14		Dramix®		
2014	Lee Tunnel (Tideway), London - Primary Lining	Sewage	UK	7,20	350	Dramix® 3D 8060BG		
2014	Anacostia River CSO - Washington, DC	Sewage	USA	7,00		Wirand		
2013	Grosvenor Coal Mine	Mining	Australia			Wirand		
2013	Santos GLNG Gas Transfer Tunnel	Utility	Australia			Wirand		
2013	Bibiheybet	Sewage	Azerbaijan	3,25	200	Dramix® 3D 8060BG		
2013	Güneçli-Derneğül	Sewage	Azerbaijan	2,90	200	Dramix® 3D 8060BG		
2013	Xirdalan	Sewage	Azerbaijan	2,80	200	Dramix® 3D 8060BG		
2013	Xocahesen	Sewage	Azerbaijan	3,25	200	Dramix® 3D 8060BG		
2013	Klang Valley MRT - SBK Line	Metro	Malaysia	6,35	275	Wirand + Fibromac		
2013	Klang Valley MRT - SBK Line	Metro	Malaysia	6,35	275	Dramix® + Duomix® M6 fire		
2013	Waterview Connection Tunnel, Auckland	Road	New Zealand	13,00	400	Dramix®		
2013	STEP Strategic Tunnel Enhancement Program, Abu Dhabi- United Arab Emirates T01	Sewage	UAE	2,75	280	Dramix®		
2013	STEP Strategic Tunnel Enhancement Program, Abu Dhabi- United Arab Emirates T02	Sewage	UAE	2,75	280	Dramix®		
2013	STEP Strategic Tunnel Enhancement Program, Abu Dhabi- United Arab Emirates T03	Sewage	UAE	2,75	280	Dramix®		
2013	Bridlington Outfall Tunnel	Sewage	UK	3,58	180	Dramix®		
2013	Central Subway Line - San Francisco, CA	Metro	USA	5,40	275	Dramix®		
2012	Sydney City East Cable Tunnel	Utility	Australia			Wirand		
2012	Metro linea 3 Tramo 3	Metro	Brazil	8,80	400	Dramix® + Duomix® M6 fire		
2012	Metro linea 3 Tramo 7	Metro	Brazil	8,80	400	Dramix® + Duomix® M6 fire		
2012	York Spadina Subway Extension - Toronto, ONT	Metro	Canada			Wirand		
2012	El Torito Hydro	Hydro	Costa Rica	7,38	300	Dramix®		
2012	Panama City Subway	Metro	Panama			Wirand		
2012	Downtown Line 3 Contract C933	Metro	Singapore	6,35	275	Wirand + Fibromac		
2012	Metro Barcelona Line 9	Metro	Spain	12,00	400	Wirand® FF1/FF3		
2012	Well Point Close Cable Tunnel, London	Utility	UK	1,75	190	Dramix®		
2012	Blue Plains - Washington, DC	Sewage	USA	7,72	355,6	Wirand		
2012	Euclid Creek Sewer - Cleveland, OH	Sewage	USA	7,93	305	Dramix®		
2011	Legacy Way (Northern Link)	Road	Australia			Wirand		
2011	Mill Woods Tunnel, Edmonton	Sewage	Canada	4,00	250	Dramix®		
2011	ADIF AVE Serrano, Madrid	Rail	Spain	11,50	400	Dramix®		
2011	Crossrail C300 Western Running Tunnels	Rail	UK	6,00	300	Dramix®		
2011	National Grid Cable Tunnels 1	Utility	UK	4,40	200	Dramix®		
2011	National Grid Cable Tunnels 2	Utility	UK	3,58	190	Dramix®		
2011	National Grid Cable Tunnels 3	Utility	UK	3,58	190	Dramix®		
2011	Preston Storm Water Tunnel	Hydro	UK			Wirand		
2010	Airport Link / Northern Busway, Brisbane	Road	Australia	12,40	400	Dramix® RC8060N & Duomix® M6		
2010	South East Collector Sewer Tunnel	Sewage	Canada			Wirand		
2010	Linea 6 - Metro Napoli	Metro	Italy			Wirand		
2010	Monte Lirio - Pando - El Aldo Tunnel	Hydro	Panama	3,80	250	Dramix®		
2010	Sabadell Road Tunnel	Road	Spain			Wirand		
2010	East Kent Tunnel, Phase 2	Road	UK	3,05		Wirand® FF3		
2010	Southern Water Brighton & Hove Water Tunnel	Hydro	UK	2,88	1,75	Dramix®		
2010	Bright Water Sewer System, Phase 2	Sewage	USA	4,00		Wirand® FF3		
2010	San Francisco Bay Utility Tunnel	Hydro	USA	3,70		Wirand® FF3		

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2009	Adelaide Desalination	Hydro	Australia	2,80	200	Wirand® FF3		
2009	Melbourne Desalination	Hydro	Australia	4,50	250	Wirand		
2009	Melbourne Main Sewer Replacement	Hydro	Australia	1,80	300	Dramix®		
2009	Sydney City West Cable Tunnel	Utility	Australia	3,20	250	Dramix®		
2009	Sydney Desalination Plant Tunnels	Hydro	Australia	3,20	250	Dramix®		
2009	Yellow Line, Sao Paulo	Metro	Brazil	8,43		Dramix® 3D 8060BG		
2009	Genoa Subway	Metro	Italy			Wirand		
2009	Metropolitana di Roma Linea C	Metro	Italy			Wirand		
2009	Rosedale Wastewater Sewer	Hydro	New Zealand			Wirand		
2009	AVE Frontera Malaga-Valencia	Rail	Spain			Wirand		
2009	Cercanas Madrid - Navalcarnero	Rail	Spain			Wirand		
2009	West Ham Sewer Tunnel, London	Hydro	UK	2,80	175	Dramix®		
2009	Bright Water Sewer System, Phase 1	Sewage	USA	4,00		Wirand		
2008	Gold Coast Desalination Plant Tunnels	Hydro	Australia	3,40	200	Dramix®		
2008	North-South Bypass Tunnel (Clem 7), Brisbane	Road	Australia	12,40	400	Dramix®		
2008	Hobson Bay Sewer	Hydro	New Zealand	3,70	250	Wirand® FF3		
2008	AVE Frontera Espanola-Francia	Rail	Spain			Wirand		
2008	Linea 11, Metro Madrid	Metro	Spain			Dramix®		
2008	Tunel Oliola Irrigation	Hydro	Spain			Wirand		
2008	Heathrow Airport Baggage Tunnel 2	Utility	UK	5,30	250	Dramix®		
2007	Northern Sewerage Project, Melbourne	Hydro	Australia	2,50	300	Dramix®		
2007	Belast Sewer Tunnels	Hydro	Ireland	2,88	180	Dramix®		
2007	Linea 1 - Metro Napoli	Metro	Italy			Wirand		
2006	Circle Line C856	Metro	Singapore	6,35	275	Dramix® 3D 6560BG		
2006	Heathrow Piccadilly Extension	Metro	UK	4,50	150	Dramix®		
2006	Thames Water Ring Main Brixton	Utility	UK	3,00	185	Dramix®		
2006	Thames Water Ring Main River Head	Utility	UK	3,00	185	Dramix®		
2006	Brightwater Sewer Tunnel - Central	Sewage	USA	5,12	177	Dramix®		
2006	Brightwater Sewer Tunnel - East	Sewage	USA	5,87	254	Dramix®		
2006	Brightwater Sewer Tunnel - West	Sewage	USA	4,00	177	Dramix®		
2006	San Vicente Water Tunnel	Hydro	USA	4,00	177	Dramix® 3D 8060BG		
2005	Metro Barcelona Line 9	Metro	Spain			Wirand		
2005	Metro Barcelona Line 9 - Shaft	Metro	Spain			Wirand		
2005	Metro Madrid Linea 3 extension	Metro	Spain			Wirand		
2005	Metro Madrid Linea 5 extension	Metro	Spain			Wirand		
2005	Metro Norte Madrid	Metro	Spain			Wirand		
2005	Dockland Light Rail Extension, London	Rail	UK	5,30	250	Dramix®		
2005	Heathrow T5 (Piccadilly Line Extension & Heathrow Express Extension)	Metro	UK	5,70	220	Dramix® RC80/60BP		
2005	Big Walnut Sewer	Sewage	USA	3,65	250	Dramix® RC80/60BN		
2004	Hofoldingen Srollen, water supply tunnel	Hydro	Germany	3,08	180	Dramix® 3D 6560BG		
2004	Metro Barcelona Line 9	Metro	Spain			Wirand		
2004	Croydon Cable Tunnel	Utility	UK	3,00	180	Dramix®		
2003	Genova Metro - Principe/Carcamento/Le Grazie	Metro	Italy	4,90	300	Wirand		
2003	Bankside Cable Tunnel	Utility	UK	4,00	180	Dramix®		
2003	Channel Tunnel Rail Link, Contract 103	Rail	UK	8,15	350	Dramix® RC80/60BN		
2003	Margate Sewer Tunnel	Sewage	UK		220	Dramix®		
2003	Transco Gas Pipeline	Utility	UK	2,44	185	Dramix®		
2002	Marina Line C825	Metro	Singapore	6,35	275	Dramix®		
2002	Dartford Cable Tunnels	Utility	UK	2,80	175	Dramix®		
2001	Manapouri Second Tailrace Tunnel	Hydro	New Zealand	10,05	275	Dramix®		
2000	Esperanza gallery (Trasvases Manabi Project)	Hydro	Ecuador	4,00	200	Dramix® RC80/60BN		
2000	Oerzberg Rail Tunnel	Rail	Switzerland	12,04	300	Dramix® 3D 6560BG		
2000	Sörenberg Gas Tunnel	Utility	Switzerland	4,30	250	Dramix® 3D 6560BG		
2000	CTRL Rail tunnels - Contracts 220 & 240, London	Rail	UK	6,00	300	Dramix®		
1999	Dunfermline Duplicate Sewer Tunnel	Sewage	UK			Dramix®		
1999	Torbay Waste Water Tunnel	Utility	UK			Dramix®		
1998	Cigar Lake Uranium Mine	Mining	Canada	4,20	300	Dramix® RC80/60BN		
1998	Bromborough Waste Water Tunnel	Utility	UK		185	Dramix®		
1997	High Wycombe Water Transfer Tunnel	Hydro	UK	3,44		Dramix®		
1996	Essen Metro	Metro	Germany	7,27	400	Dramix®		
1996	Kandertal Exploratory Tunnel	Rail	Switzerland	5,00		Dramix® ZC50/60		
1996	Portsmouth Waste Water Transfer Tunnel	Hydro	UK		185	Dramix®		
1996	Wanley Island Waste Water Tunnel	Hydro	UK	2,88	185	Dramix®		
1996	Jubilee Line Extension, London (contract 103)	Metro	UK	4,40	200	Dramix® RC80/60BN		
1994	Heathrow Airport Baggage Tunnel	Utility	UK	4,50	150	Dramix®		
1992	Metro Subway Tunnel Napoli	Metro	Italy	7,27	400	Dramix®		
1992	Water Tunnel	Hydro	South Africa	4,60	250	Dramix®		
1990	Munich Water Tunnels (Mangfall - Mühlthal - Hachinger)	Sewage	Germany	3,40	180	Dramix® RC80/60BN		