

Operational Instructions

OI - 4.7 | Block Paving Carriageways

Revision: B

Section: 4.0 - Infrastructure Stage 2

Visual Aids



FACTA Class	Comparison** EN124 Class	Wheel Loads		Load Test Data	
		Wheel Loads * (slow moving) Pneumatic	Wheel Loads * (slow moving) Solid	Test 1 (Service) (Static Wheel Load plus overload & dynamic effects)	Test 2 (Ultimate) (Test 1 load plus ultimate safety factor)
A 	A15	0.6 tonne (5kN)	N/A	5.0 x 1.0 x 1.0 = 5.0kN	5.0 x 1.6 = 8.0kN
AA 	N/A	1.5 tonne (15kN)	N/A	15.0 x 1.1 x 1.15 = 19.0kN	19.0 x 1.6 = 31.0kN
AAA 	N/A	2.5 tonne (25kN)	0.5 tonne	25.0 x 1.1 x 1.15 = 32.0kN	32.0 x 1.6 = 52.0kN
B 	B125	5.0 tonne (50kN)	0.75 tonne	50.0 x 1.1 x 1.15 = 63.25kN	63.25 x 1.6 = 101.0kN
C 	C250	6.5 tonne (65kN)	1.0 tonne	65.0 x 1.1 x 1.15 = 82.5kN	82.5 x 1.6 = 132.0kN
D 	D400	11.0 tonne (108kN)	3.0 tonne	108.0 x 1.1 x 1.15 = 137.5kN	137.5 x 1.6 = 220.0kN
E 	E600	16.0 tonne (158kN)	5.0 tonne	158.0 x 1.1 x 1.15 = 200.0kN	200.0 x 1.6 = 320.0kN
F 	F900	24.0 tonne (237kN)	N/A	237.0 x 1.1 x 1.15 = 300.0kN	300.0 x 1.6 = 480.0kN

Information

Task Specific Safety Checks & Notes	Operational Checks
● In the first instance, please ensure you have referred to your site-specific Risk Assessments & Method Statements (RAMS) ● Working areas are to be segregated in accordance with MIDA Operational Standard - 2.4 - Segregation - General Working Area or MIDA Operational Standard - 2.6 - Segregation - Public Working Area ○ Wherever we are operating within trafficked carriageways, we must be working under Chapter 8 regulations	● Inform the Local Authority to let them know we are starting works – they may want to inspect ● Block cutter to be used for all cutting – do not use a cut off saw ● Check the laying formation is suitable before commencing ● Have the adoptable drainage and manholes been inspected, checked and signed off before works commence? ● Check all carriageway and ironwork levels are correct as per the site specific design ● Ensure that sand and/or grit depths are as design – if not, regulate the areas ● Check the specification, depth and laying pattern of blocks before works commence ● Ensure all cuts around manholes and gullies are as per design ● Avoid cuts of less than 1/4 of a block ● Kiln dried sand is to be swept in and blocks compacted with a whacker plate ● Final pass of kiln dried sand to be swept in until no gaps are visible
QA Checks & Actions	Operational Standard - References
● QMF 32 – Pre-Wearing Course Inspection ● QMF 36 – Block Paving Sign Off ● Ensure all cuts and quality is to MIDA standard before signing the sub-contractors work off ● Photograph the completed area and include in your photographic daily diary	● MIDA Operational Standard - 2.4 - Segregation - General Working Area ● MIDA Operational Standard - 2.6 - Segregation - Public Working Area