













All load classifications comply with the FACTA specification.

FACTA CLASS	A	B	C	D
LOAD CLASS SYMBOL				
EXAMPLE OF USES	Areas which can only be accessed by pedestrians or pedal cyclists	Footways, pedestrian areas and comparable areas, car parks or car parking decks.	For gully tops installed in the area of kerb side channels of roads. Max of 500mm into carriageway and Min of 200mm.	Carriageways of roads, hard shoulders and parking areas for all types of vehicles.
TEST LOAD MAX RESISTANCE FACTA	8KN	101KN	132KN	220KN
WHEEL LOADS SLOW MOVING SOLID (Tonne / Wheel)	NA	0.75 T/W	7 T/W	3 T/W

Expert Advice

For expert advice and guidance regarding the most suitable Aspen Stainless products for your project, please contact our Technical Sales Team today to discuss your requirements.

Fabricated access covers complying with the requirements of this specification shall be graded as follows:

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

Please Note: Under the 'Road Vehicles (Authorised Weight) Regulations 1998', axle weights for the UK are limited to 11.5 tonnes maximum. Refer to Acceptance Test for maximum design load/load bearing capacity.

* Slow moving wheel loads are deemed to be speeds no greater than 20mph, in low intensity trafficked areas. Where higher intensity traffic is expected, a higher load classification of cover is recommended.

** These comparisons are indicative of the typical suitable area of application of each product class and are not a like-for-like performance comparison. Comparisons are for guidance only and not intended to be exact.