Project No-1219545-002

## ASTM Equivalence Statement

Manufacturer:
Pitagone SA/NV
Paepsem Boulevard 16, 1070 Brussels, Belgium

Test Ref: W0017
Doc. Revision: 02

MIRA Contact:
HSPI Test Centre HORIBA MIRA Ltd Watling Street, Nuneaton Warwickshire, CV10 OTU
Test Date(s): 26/02/2019
Doc. Revised: 25/04/2019

Details of Test Conducted:
Test Standard - PAS68: 2013

| Product Name | F18 Barrier |  |
| :--- | :---: | :---: |
| Product Description | 8No 'L' shaped barrier with 250 mm gap, surface mount no pinning |  |
|  | Target Value | Measured Value |
| Test Vehicle | N3 | N3 - DAF 55 |
| Test Mass (kg) | $7500 \pm 150$ | 7508 |
| Impact Speed (km/h) | $48.0 \pm 3.0$ | 47.8 |
| Impact Angle (deg) | $90.0 \pm 2.0$ | 89.6 |
| Impact Alignment (mm) | $\pm 100$ | 44 Left |
| Dynamic Penetration $(\mathrm{m})$ |  | 28.1 |
| Static Penetration $(\mathrm{m})$ | 28.1 |  |
| Major Debris Distribution $(\mathrm{m})$ |  | 18.0 |

## PAS68:2013 - Test Rating

| Product Classification | A-Foundation/Passive/Barrier |
| :--- | :--- |
| Performance Rating | PAS68: 2013 Barrier V/7500[N3]/48/90:28.1/18.0 |

## ASTM Equivalence

The above test has been compared to ASTM F2656/F2656M 2018a Test Standard and the below rating have been deemed the closest equivalence.
Note: The conducted test cannot be deemed to be compliant with the below standard and the rating stated is to give comparison of results only.

ASTM F2656/F2656M 2018a

|  |  |
| :--- | :--- |
| Performance Classification | Test Method F2656 C7/30-P3 (Penetration between 7.01 and 30m) |

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