

CERTIFICATE

of passed testing program according ISO 22343-1:2023

TRANSPOLIS SAS test house located 620 Route des Fromentaux 01500 Saint-Maurice-de-Rémens (France)
has performed on behalf of the hereunder mentioned company:

BLOCKAXESS - Groupe KLOZMANN
4 , Allée Victor Basch
42000 Saint-Etienne - FRANCE

The test which the reference is:

➤ **BLXDEF25589**



on **April 17th, 2025**, under the following conditions:

- Vehicle used: truck IVECO EURO CARGO (N2A type)
- Vehicle Weight at test: 7150 kg (7200 kg $\pm$ 150 kg)
- Actual Speed: 48.5 km/h (48 km/h -1/+3 km/h)
- Angle of impact: 90.5° (90° $\pm$ 2°)

VSF (Vehicle Security Barrier):

- Model VigiBlax AG Compact
- Anti-ram vehicle speed bumps
- height above ground 0.92m – width 2.22m – length 2.25m.

Test Results :

- The vehicle has been immobilized.
- The engine of the vehicle has been damaged and is unable to work.
- Vehicle static penetration distance from the front face of VSB: 15.86 m.
- Vehicle dynamic penetration distance from the front face of VSB: 16.38 m.
- Dispersion, maximum distance of major debris (> 2 kg): 23.9 m.
- Impact Kinetic Energy : 649 kJ

Performance rating: ISO 22343-1 :2023 Surface-placed barrier V/7200[N2A]/48/90:16.4/23.9

Saint-Maurice-de-Rémens, 2025-04-17


Nathalie YAGÜE
Crash Technical Manager

TRANSPOLIS SAS

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