

# System **ALUCA**<sup>®</sup>



**Van racking Systems made of 100 % Aluminium from ALUCA are light and stable. This was manifested at the crashtest in May 2010.**

Fitted shelf units, preassembled drawer units, shelves and shelf flaps were installed in the bodywork of the test vehicle. The payload was 601 kg.

The body containing ALUCA's vehicle racking is accelerated to approx. 50 kph in the course of the sledge test. The total weight of the installed units and the payload was **713 kg**.

During the test the racking attained 25 times its actual weight as a result of the acceleration (**25 g**). These figures illustrate the dynamic response of vehicle racking and the payload in the event of an accident.

ALUCA's vehicle racking systems provide a high level of safety.

#### The test criteria:

- Dynamic sledge test per ECE-R 44
- Speed: 50 kp/h
- Weight of installed units: 112 kg
- Weight of payload: 601 kg

