



Dynamic Test Center
Centrum für Dynamische Tests
Centre de Tests Dynamiques

Certificate pSi-11-0160-002

This certificate confirm that the product

Gyso AG
CH-8302 Kloten

Windscreen adhesive Gyso Glastic 475 HM LC

performances under impact are, detailed in the attached appendix. The windscreen should be hold within a drive away time of **one hour** under a frontal impact, referring to an

Euro-NCAP 64 km/h frontal impact

The windscreen adhesive fulfilled the requirements on a sled test. The test was performed without airbag ignition. Detailed information's about test conditions and test results are described in the report pSi-110160.

DTC Dynamic Test Center AG



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Head of passive safety

This certificate was first issued on 02 March 2011 and remains valid as long as the conditions laid down in the technical test specifications in reference or the manufacturing conditions in the factory are not modified significantly.

Appendix to Certificate pSi-11-0160-002

Performances under Euro-NCAP frontal impact sled test

Gyso AG – adhesive Gyso Glastic 475 HM LC application and test condition

Primer	Reiniger 100
Cartridge	10 min. before application on hand-hot water
Temperature	23 °C
Humidity	55 %
Date of Test	13 January 2011

Test details

Marke	Audi
Model	A3 – 2003 (car body shell)
Test standard	Euro-NCAP frontal impact
Order number	pSi-11-0160
Test type	Sled test
Actual impact speed	64.0 km/h
Peak deceleration	49.6 g
Deceleration time	99 ms
Occupants	-
Airbag ignition	-

The windscreen adhesive from Gyso AG, Gyso Glastic 475 HM LC (preparation with Reiniger 100) was tested on the DTC Dynamic Test Center AG hydraulic deceleration sled, using an Audi A3 – 2003 body shell, and OE windscreen. With the test within a drive away time of **one hour** a close to reality 68 km/h delta-v crash, including the rebound velocity, and a peak acceleration of 49.6 g was performed. The adhesive Gyso Glastic 475 HM LC achieved the retention of the windscreen.

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