Certificate

Dynamic Test Center
Centrum für Dynamische Tests
Centre de Tests Dynamiques

Certificate pSi-13-0170-001

This certificate confirms that the product

merz+benteli ag

Windscreen adhesive Merbenit SK212

fulfilled the requirements on frontal impact tests according to

FMVSS 212.

The performances under impact are detailed in the attached appendix. The windscreen should be hold within a drive away time of **60 minutes** under a frontal impact with 48 km/h to a rigid barrier and 100% overlay.

The test was performed with two HIII 50% ATDs and airbag ignition. Detailed information about test conditions and test results are described in the report pSi-13-0170.

DTC Dynamic Test Center AG

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Head of passive safety

This certificate was first issued on 28 January 2013 and remains valid as long as the conditions, laid down in the technical test specifications, or the manufacturing conditions in the factory are not modified significantly.

Appendix to Certificate pSi-13-0170-001

Performances under FMVSS 212 frontal impact test

merz+benteli ag – adhesive Merbenit SK212 application and test condition

Primer	none
Cartridge	room temperature
Temperature	23.0 °C
Humidity	50.5 %
Date of Test	24 January 2013

Test details

Make	VW
Model	Golf V – 2005
Test standard	FMVSS 212
Order number	pSi-13-0170
Test type	frontal impact
Barrier	rigid barrier
Overlay	100%
Actual impact speed	48.3 km/h
Peak deceleration	51.5 g
Deceleration time	90 ms
Occupants	HIII 50% ATD at each front outboard designated seating position
Airbag ignition	by vehicle ignition

The windscreen adhesive of merz+benteli ag, Merbenit SK 212 was tested at the DTC Dynamic Test Center AG, using a VW Golf V – 2005, and OE windscreen. With the test referring to an FMVSS 212 frontal impact, within a drive away time of **60 minutes,** a crash with a delta-v of 55.0 km/h (including the rebound velocity), and a peak acceleration of 51.5 g was performed. The adhesive Merbenit SK 212 achieved the retention of the windscreen.

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