



Testing Glass for the Automotive Industry.

International competence in safety testing of glass

TÜV Rheinland offers a comprehensive range of services for manufacturers worldwide for the acceptance of safety glass for use in motor vehicles.

Our Range of Services

Along with inspections and testing that comply with the regulation ECE R43 and the industrial standards for automotive glass products, our experts offer manufacturers the following services:

- Scope definition
- ECE R43 on toughened glass, ordinary or treated laminated glass, glass-plastics
- Testing on: Fragmentation, mechanical strength (ball drop tests), head form test, abrasion test, high temperature, radiation and humidity tests, light transmission, optical distortion, secondary image, colours, resistance to fire, temp. changes and chemicals.
- Testing on site and off site
- We are authorised to assist the clients from the application via testing at our and/or your location till and including the approval and certificate. At the end of the process the official Dutch Approval Authority RDW grants the certificate.

TÜV Rheinland has been accredited by the RDW as Technical Service (Laboratory) for testing glass for automotive applications.
 Accreditation number: RDW-99050043 00.

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Benefits at a Glance

With TÜV Rheinland's support for your product safety and customer expectations, you can expect from us:

- Support on the testing definition to start your automotive glass sales with approval by us
- Expansion for new models

Quality Assurance audits to assure your production is according the required standards, verified by COP audits for RDW team or appointed contractors

Good to know

Besides the routine checks and testing, you can also contact us for:

- Evaluation of new designs and/or prototypes
- Tests flat glass for construction works, probably also on item that you are active in
 - Glass for furniture
 - Glass for greenhouses
 - Special bend glass for construction works
 - Glass for kitchens and showers
 - Glass for elevators
 - Glass for sound barriers for high-ways and/or train tracks
- Direct contact with the experts

If interested, please contact us. You will receive an Inventory Form to be filled in, in order to establish which kinds of automotive glass exactly are manufactured. This will indicate to TÜV Rheinland which and how many tests have to be performed in order to make the appropriate quotation.