



TÜV Rheinland, your partner in Glass

Whether you manufacture flat or curved glass panels, plain or processed glass, laminated, safety glass, curtain walling, windows and doors or automotive glazing, TÜV Rheinland is your partner for testing, inspection and certification services.

Glass used in buildings

TÜV Rheinland tests and certifies your glass. We are accredited and notified to verify your construction and building glass products, against compliance with the CPR (European Construction Products Regulation no. 305/2011).

In cooperation with our international partners, TÜV Rheinland can offer you CE and UKCA certification with just one audit or test as well.

TÜV Rheinland wants to support you in such way, that you can offer your customers the products with the safety they need and for the purpose they are intended to use. The testing services for glass include testing on:

- Mechanical strength, durability and breaking behavior.
- Luminous and solar characteristics and thermal transmittance.
- Fire, bullet or explosion resistance.
- Solar radiation, high temperature and humidity test for laminated glass.
- Moisture penetration and gas leakage rate for insulation glass units.
- Pendulum impact and resistance against manual attack for security glazing.
- Count on our experience as an authorized certification body that offers a truly global service in line with local glass market requirements, this makes TÜV Rheinland unique as notified body in the global glass industry.

Windows and doors

These days, windows and doors aren't just windows and doors anymore. They are safety barriers, they can help prevent climate change, protect us against environmental incidents and come with state-of-the-art technology built in for our comfort, security, safety and insulation.

However, with greater demands also come greater responsibilities to ensure that windows and doors can indeed fulfil the new functions they promise. We are accredited and notified to verify your construction and building products against compliance with the CPR (European Construction Products Regulation no. 305/2011). UKCA certification can be offered as well, one audit for CE and UKCA, in cooperation with our international partners.



Automotive Glass Testing

Glass used in automotive applications has to sustain different safety regulations. As a manufacturer or supplier of glass that is used in cars, trucks, busses, commercial, agricultural or other vehicles such as mobile homes or caravans, you are undoubtedly confronted with the fact that your products must comply with the rigorous safety standards that are stipulated in the United Nations ECE R43 homologation program. As accredited and designated laboratory, TÜV Rheinland employs knowledgeable experts that support you with the testing and approval processes that are related to automotive glass applications.

It's not only important that the glass used in the automotive application meet the standards, also the installation of the glazing needs to fulfill high requirements. To proof that the sealant for mounting of the test windshields are meeting this high demands, we can test and certify according to FMVSS 212.

Ensure that your automotive glass complies with highest safety standards.

Solar Glass Testing

Photovoltaic technology BIPV, has undergone a tremendous transformation over the last few decades, particularly in increased efficiency, lower system prices and PV technology adapted to various areas of application. The need to accurately predict and assess the performance, reliability and durability of entire PV power plants has become critical.

With over 35 years of experience, we offer a global presence, industry expertise and a wide range of comprehensive services to address the challenges of the solar market.

Benefits at a Glance

- Benefit from expert evaluations and assessments, which are based on our long-standing experience in working together with our customers in supply chain-based approaches.
- Count on our experience as an authorized certification body that offers a truly global service in line with local glass market requirements, this makes TÜV Rheinland unique as notified body in the global glass industry.
- Get all the necessary quality assurance audits to ensure your production is in compliance with the required standards.
- 150 years of safety: Since 1872, TÜV Rheinland's mission has been to make technology safe for people and the environment.
- International cooperation's within our TÜV Rheinland organization. Local test and audits and a network of experts are available worldwide

For more information, check our website our contact us via:

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