

PRESS RELEASE

19-05-43

3 May 2019

All eyes on smarter glass

Presentation by ift expert Dr. Ansgar Rose at the Glass Performance Days

This year's Glass Performance Days (GPD) will take place from 25th to 28th of June in Finland. The GPD is a forum dedicated to the development of the global glass industry through education. This is done by organizing conferences in "motherland" Finland as well as in China and Brazil every two years. In Finland, the GPD also includes workshops and a glass exhibition.

The conference and workshop sessions will cover key topics for the glass industry, including the ever-changing requirements of urban and building planning, energy efficiency and environmental compatibility. A particular focus is on the application of new glass technologies.

As ift expert, Dr. Ansgar Rose (ift Rosenheim) will give a lecture on the topic "Large spaces between panels are possible! ift research project shows ways to pressure-relieved insulating glass (DEMIG)". With this new technology, improved energy savings can be achieved safely and efficiently from windows and glazing as well as sun protection systems installed in the cavity between the glass panes.

At the same time, climatic stresses on the glass panes and the edge seal can be avoided, thus preventing glass breakage and leaks. These restrictions are avoided by changing the construction of the glass units by pressure equalisation of the insulating glass units.

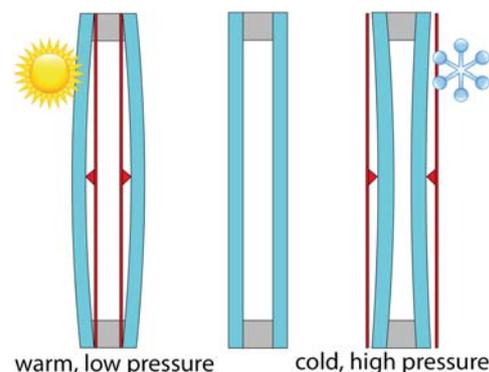


Fig. 1

Schematic representation of the deformation of multiple pane insulating glass due to climate loads

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With Iconic Skin and Swiss Spacer, two companies have already developed new products for pressure-relieved insulating glass. This is a sign for the industry to prepare for this topic and to acquire specialist knowledge.

(1519 total characters incl. spaces, lead 362, press release
total characters 1157 incl. spaces)

Key words: Glass Performance Days, Rose, Pressure-relieved insulating glass units, GPD

Info about ift Rosenheim (for the technical press)

ift Rosenheim is a notified European testing, surveillance and certification body with international accreditation, according to DIN EN ISO/IEC 17025. The core activities at ift Rosenheim include practical, holistic and fast testing and assessment of all characteristics of windows, facades, doors, gates, glazing and construction materials. Its goals include sustainable improvement of product quality, design, and technology as well as work on standardisation and research. Certification by ift Rosenheim assures you of acceptance all over Europe. At ift, we are committed to providing knowledge and as an unbiased institution, ift Rosenheim enjoys a special status with the media – the publications document the current state-of-the-art technology.

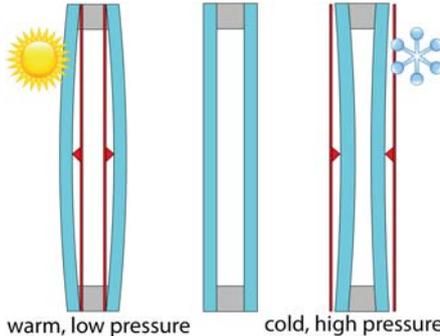
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Info about ift Rosenheim (for the public press)

You need skills, technology and experience for good structures, and this is especially applicable to windows, facades and doors. Since 1996, ift Rosenheim has been supporting the industry as a neutral scientific institute with technical services and more than 200 employees. These include conducting tests and research, certification and quality management as well as standardisation, advanced education and technical information. In this manner, ift Rosenheim is promoting the development of quality products that are suitable for use, environment-friendly and efficient, and which make life more comfortable, more secure and safer, and healthier.

(648 characters incl. spaces)

Pictures (available to download from the picture library at www.ift-rosenheim.de/bildarchiv)

No.	Image title and file name	Image
1	Schematic representation of the deformation of insulating glass unit due to climate loads <i>File name:</i> PI190543_Fig_1_Behaviour_Insulating_glass_Climate_load.jpg Source: ift Rosenheim	
2	Effects of a deformation on insulating glass unit <i>File name:</i> PI190543_Fig_2_Effects_Deformations_MIG.jpg Source: ift Rosenheim, isolar	
3	Required spacer height to hold desiccant for 25 years <i>File name:</i> PI190543_Fig_3_Spacer_Desiccant.jpg Source: ift Rosenheim	