PRESS RELEASE

## Trosifol™ GlasGlobal Follows in the Wake of Trosifol™ WinSLT

# Mobile Trosifol™ GlasGlobal App Performs Glass Structural Analysis

**Trosifol™ GlasGlobal is a new app for performing structural analysis for glass. Developed by Trosifol partner Sommer Informatik, it supplies the user – after simple, user-friendly inputs – with a calculation of glass thickness in accordance with DIN 18008, Parts 1 and 2, and ASTM E1300 (U.S.). A builder of conservatories, for instance, can determine the minimum glass thickness required in a certain installation location.**

**Glass dimensioning to DIN 18008, Parts 1 and 2, and ASTM E1300**
Supplementing the full desktop version from Sommer Informatik, Trosifol™ GlasGlobal is also available as a mobile app for Android or IOS smartphones. It can deliver the exact dimensioning for a wide range of glazing applications and structural analysis in accordance with DIN 18008, Part 1 and 2, and ASTM E1300.
The app takes many different parameters into account: overhead and vertical glazing, wind and snow loads, local heights, glass thickness optimization, shear coupling, for symmetrical and asymmetrical laminated safety glass, etc. Verification of loads is performed in accordance with DIN EN 1991-1.
The interface is straightforward and user-friendly. In the input screen, pane composition and geometry, wind and snow loads, size, and angle of installation can be entered swiftly and reliably on the move on, say, a construction site. The user then presses the “Calculate” button to obtain the desired analysis. If the outcome fails to satisfy requirements, the inputs can be adjusted to initiate a new simulation on the basis of different parameters. The app is also ideal for optimizing the analysis. Users can see how the analysis changes if they change the installation angle, glass thickness, or pane composition, with the app providing answer quickly and dependably.

Once a satisfactory structural analysis is obtained, the name of the project can be added and the completed analysis sent to an email address.

The app is currently available in German, English, French, Italian, and Spanish. Analysis is performed either to DIN 18008, Parts 1 and 2, or to ASTM E1300. The units of measurement are the European SI or U.S. customary units.

The software is available from the Google Play Store and Apple App Store. It is also available online at the Trosifol™ Website:
www.trosifol.com/trosifol-glasglobal

Further information on the software developer:
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This text has 2,541 characters. You can also download the text from the Internet at:
http://www.trosifol.com

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