

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 or a commercial façade installer can use the app to determine the minimum glass thickness required for their specific application and its location.

kuraray



world of interlayers

For further information on products of Kuraray, please visit www.kuraray.com. You can find further information on our Trosifol® products at www.trosifol.com.

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WHAT CAN THE APP DO FOR YOU?

- Performs structural analysis in accordance with DIN 18008, Part 1 and 2, and ASTM E1300
- Delivers the exact dimensioning for a wide range of glazing applications
- 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.
- Export of the completed analysis can be sent directly to an email address
- Straightforward user-friendly interface

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:

Sommer Informatik GmbH www.sommer-informatik.de info@sommer-informatik.de

Project data	kuraray		Vertical glazing (DIN 18008-1,-2)			trosifol	
Project: Description: Company	2018_05_16			Position: Jeer; Jule:	02 rasa zagunskyte 16/05/2018	ustomer data	
Geometry Installation Shape Support no glazing that	90.0" Rectangle Four-sided	glazing Width b Height h	1230 r 1480 r				
Construction Nr.		Pro	ducer		Description	Gas/ Composite layer	This
	outside		ormatik GmbH		ANG		4.0
2 0	ID1 s inside	former's	ormatik Gregini	Alumi	nium (EN ISO 10077-2) 2xcANG4-0 76)	90% Argon Trosduth Utraclear	76.0
h = 148	0 b = 1	230					
Own.weight cos(50.0°) = 0.0 Own weight effective Air.Load Summer Winter Load summer Load winter	Total weig 100 / external 0.10 kN/m² 0.50 kM/m² GD1 20 K -25 K 8.80 kN/m² -12.50 kN/m²	Middle G00	S4.61 kg Bottom / Internal Int		se: Pressure 0.25 se: Suction 4.25 seights	Manual Indiana Load India Is Nilm* 9.00 MNr 9.00	oors m'
cos(90.0") = 0.0 Own weight effective Air Load Summer Winter Load summer Load winter Line load	100 / external 0.10 kN/m² 0.50 kN/m² 0.50 kN/m² 0.50 kN/m² 0.50 kN/m² 0.50 kN/m² 1.12.50 kN/m² 1.12.50 kN/m²	Middle GD2	Bottom / Internal 0.20 MNm² 0.20 MNm² 0.20 MNm² 0.00 MNm	Load or Local h	see: Pressure 9.25 see: Suction 9.25 see: Suction 9.25 see max. Installation see max	cutaide Load indo	oors m'
cos(90.0") = 0.0 Own weight effective Air Load Summer Winter Load summer	00 top / external 0.10 kN/m² 0.50 kN/m² GG1 20 K -25 K 8.80 kN/m²	Middle GD2	Bottom / Internal 0.20 NNm² 0.00 NNm² isochorous pressure -20 hPs 40 hPs	Load co Local h Local co Load co	see: Pressure 9.25 see: Suction 9.25 see: Suction 9.25 see max. Installation see max	cutaide Load indo	oors m' m'