

Errare Humanum Est.
Errors, Mistakes and Failures
in Design – Execution – Use

COORDINATOR:
Prof. Dr. Arch. Ana-Maria DABIJA

Editura Universitară „Ion Mincu”
București, 2024

© COORDINATOR: Ana-Maria DABLIJA

© AUTHORS: Fani VAVILI, Artemis KYRKOU, Paola DE JOANNA, Antonio PASSARO, Radu SFINTEȘ, Anda-Ioana SFINTEȘ, Valentina CETEAN, Radu FĂRNOAGĂ, George TUDOR, Dragoș MATEI, Ala BUZILAN, Casian CIUREZU, Andreea PETRE, Mara ȘERBAN, Irina TATOMIR, Maria Alexandra GHICA, Monica DRĂGHICI, Andreea Elena ISTRATE, Silviu-Daniel ARNĂUTU, Irina SARĂU, Ana-Maria AVRAMESCU, Adelina BURULEA-DRAGOȘ, Elena GUGUILĂ, Eliza VOICULESCU, Andreea DĂNILĂ, Catrinel PASCU, Ioana SCĂRLĂTESCU, Marta ZDRENCIUC, Elena CLAPAN, Mara IANCUȘ, Simona MARICA, Azaria Bianca RUSU.

Editing & DTP: Anda-Ioana SFINTEȘ

The present volume is published following the *Errare Humanum Est. Errors, Mistakes and Failures in Design – Execution – Use* workshop which took place in Satul Banului, Prahova County, Romania, between 12-16 July 2023.

Organizers:



ARISTOTLE
UNIVERSITY OF
THESSALONIKI



Partners:



Attribution-NonCommercial-NoDerivatives 4.0 International (CC BY-NC-ND 4.0)



This material can be copied and redistributed in any medium or format, with adequate attribution, with no derivatives and only for non-commercial purposes (CC BY-NC-ND 4.0)

© 2024 Editura Universitară „Ion Mincu”, Str. Academiei 18-20, sect. 1, București, cod 010014
editura.uauim.ro / Tel.: 40.21.30.77.193

GLASS AND MISTAKES

Abstract: Glass is a complex material and in the last decades it has been extensively used in constructions. It is important to understand its particularities and to design taking into consideration not only material properties, but also application, the way it will be transported and installed, the way it will be used by people and what will happen in case of breakage, and eventually how it will be recycled at the end of its life span.

This document will check most common mistakes of designing with glass; without considering it as a complete guide, the examples are useful, and most of them are coming from personal experience of people working in construction industry.

Keywords: glass, mistakes, legislation, energy efficiency, dimensioning

Dragoş MATEI



Dragoș MATEI

Country Manager, AGC GLASS EUROPE

dragos.matei@agc.com

Dragos MATEI is a civil engineer by training and a person who is curious by nature. He joined AGC, an important glass producer, some 18 years ago and he never stopped learning about glass since that moment. With a Master in Marketing and Communication, he is trying to present technical information in a captivating way, making it interesting and easy to be understood.