



10 - 12 JUNE 2025 | NOKIA ARENA - TAMPERE, FINLAND

GLASS PERFORMANCE DAYS 2025

HYBRID GLASS-TO-CONCRETE PEDESTRIAN BRIDGE: A CASE STUDY



CAS MAERTENS | GHENT UNIVERSITY

INTRODUCTION

GLASS-TO-CONCRETE (G2C) RESEARCH PROJECT



fischer 

The logo for fischer, consisting of the brand name in red lowercase letters and a small black square containing a white fish-like logo.

 **vitroplena**
structural glass solutions

The logo for vitroplena, featuring a stylized blue 'V' shape followed by the brand name in lowercase and the tagline "structural glass solutions" in a smaller, lighter blue font.

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Adhesive characterisation
Tensile test



Interface characterisation
Double lap shear test



Applications
Balustrade test

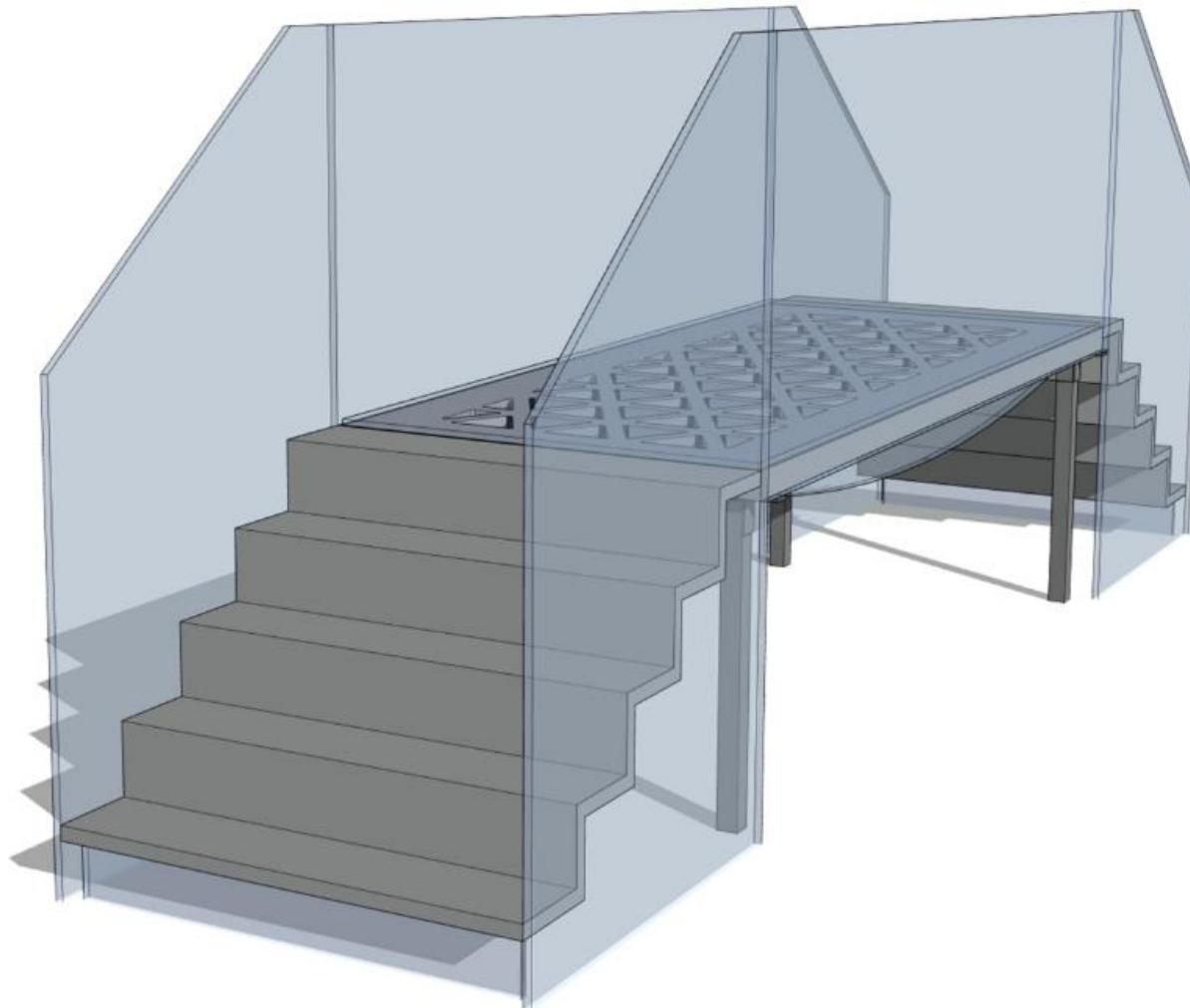


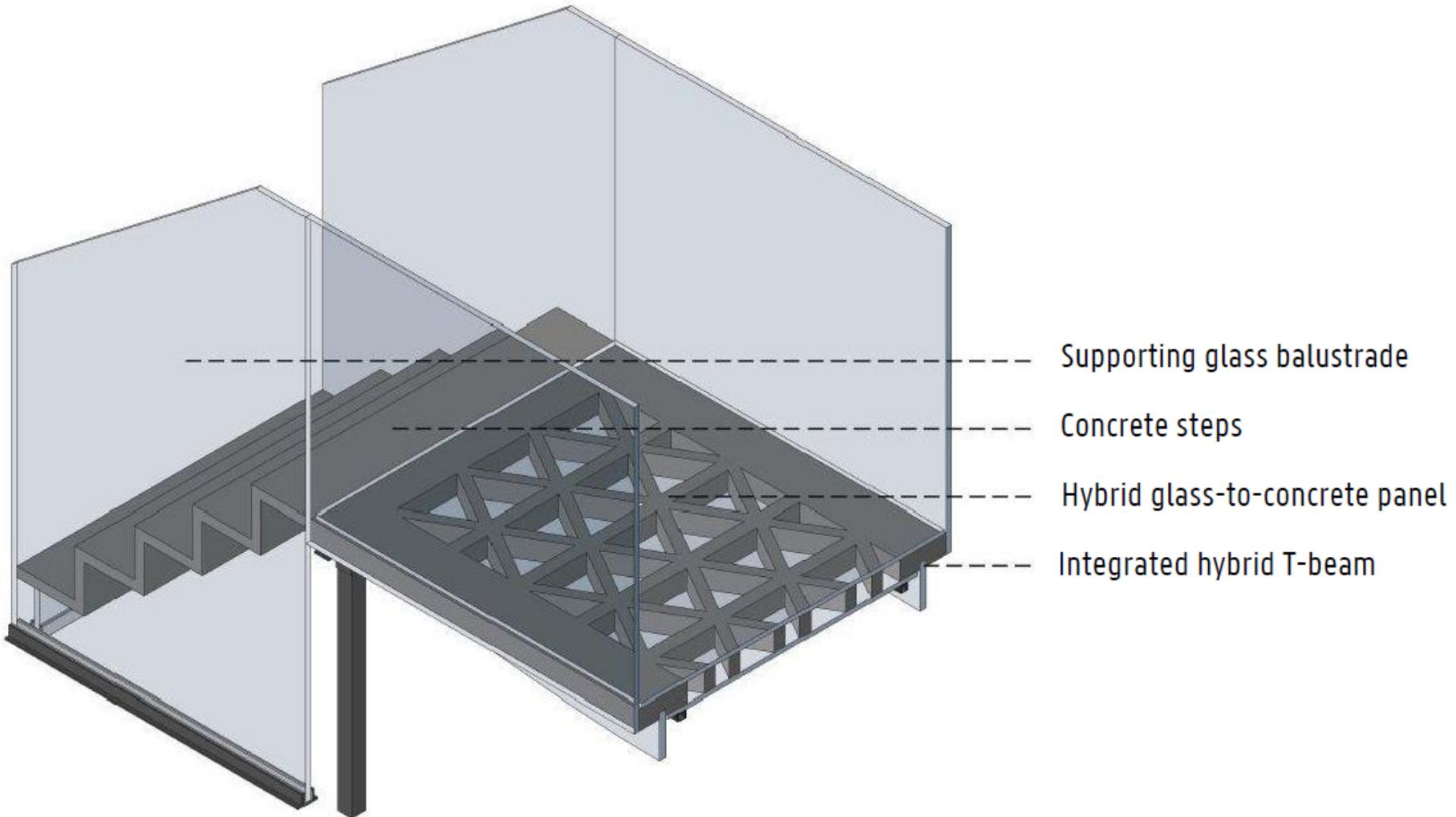
Applications
Three point bending test



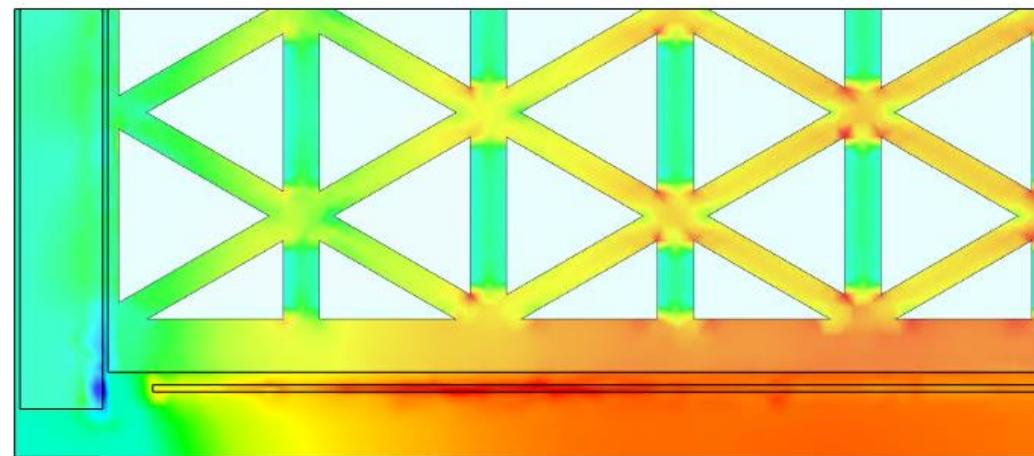
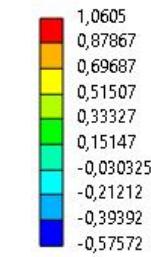
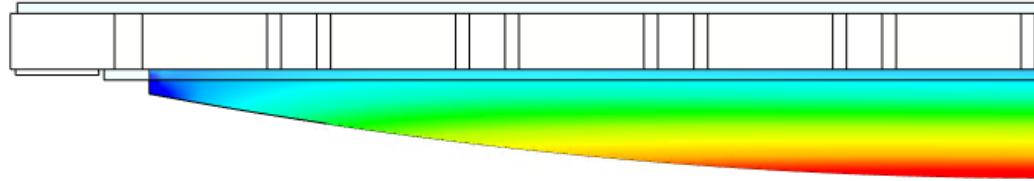
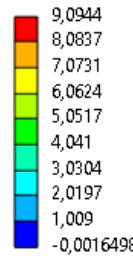
INTERNATIONAL TRADE FAIR FOR GLASS
PRODUCTION • PROCESSING • PRODUCTS

DESIGN

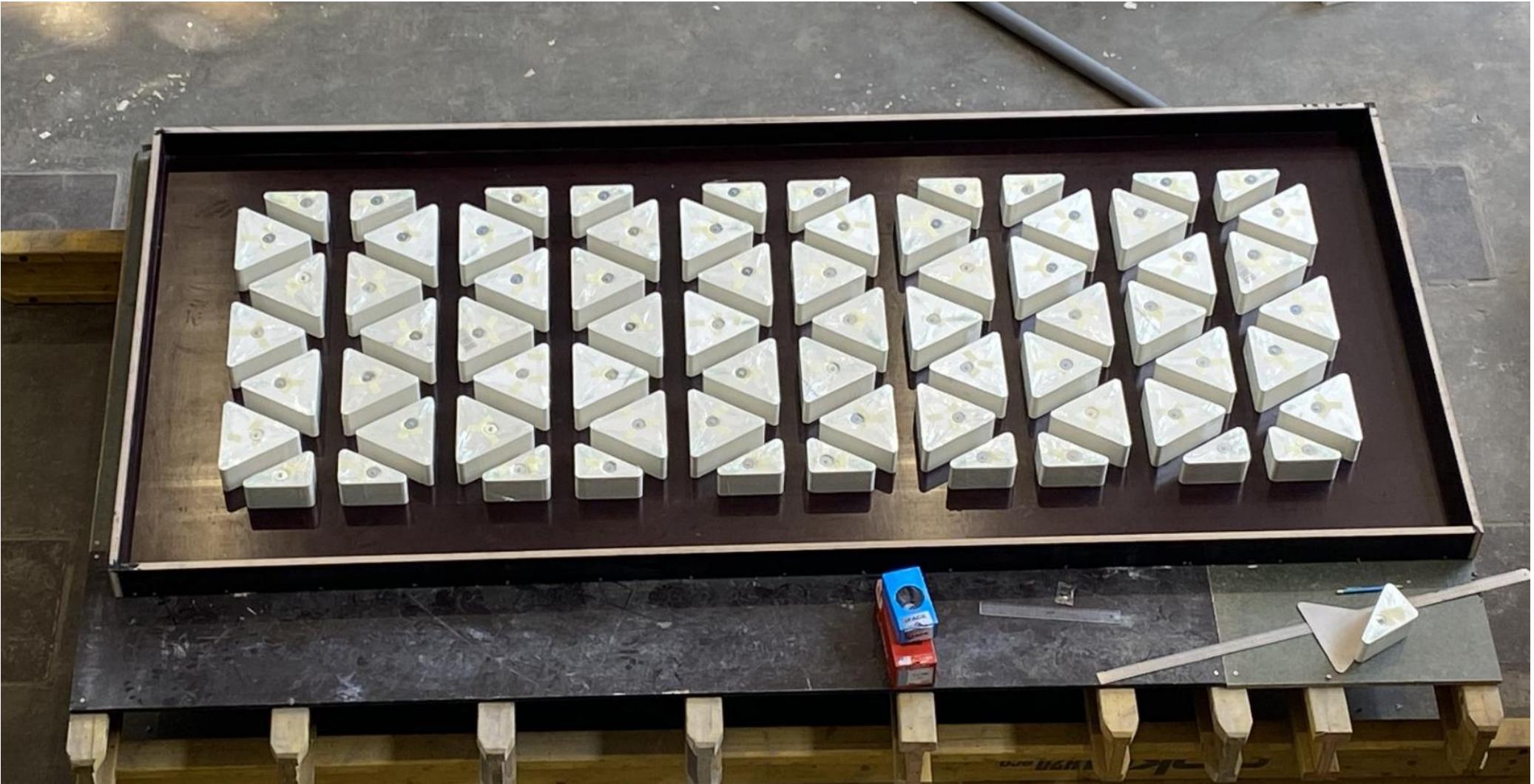


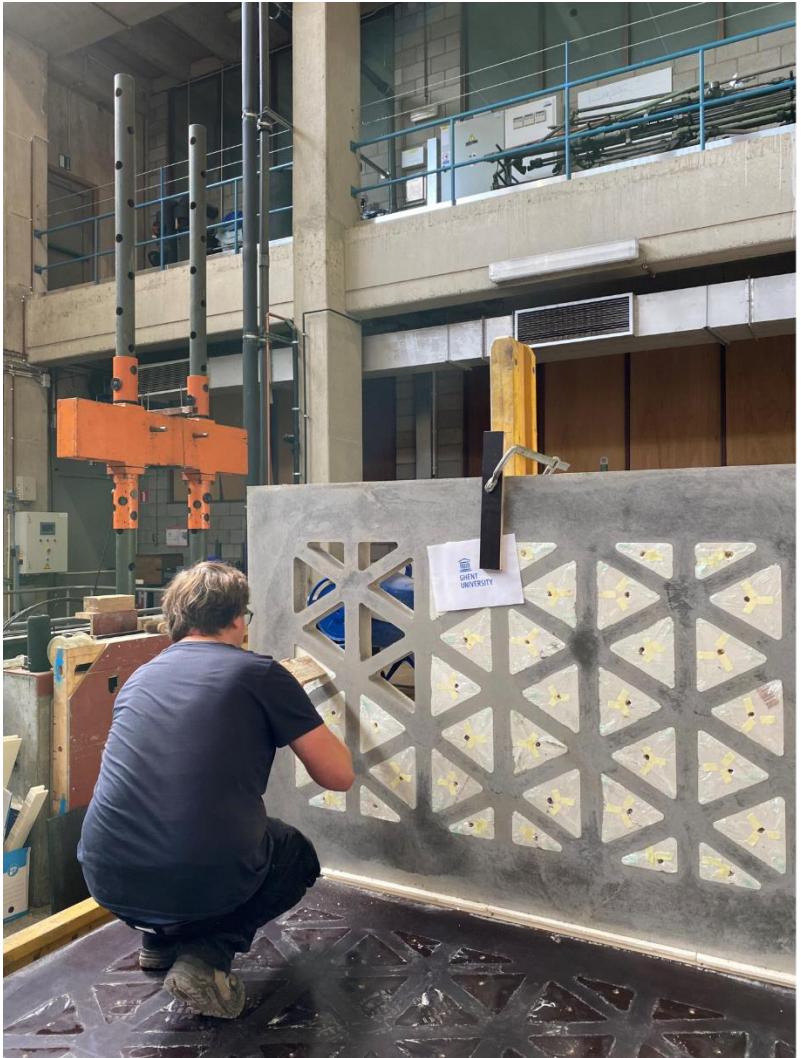


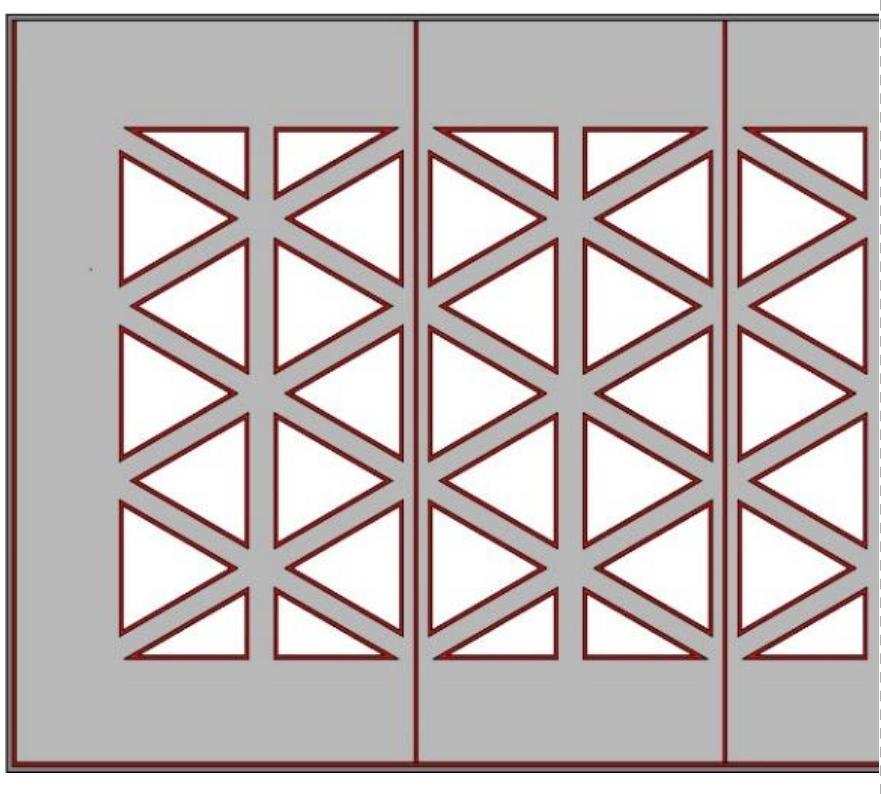




PRODUCTION

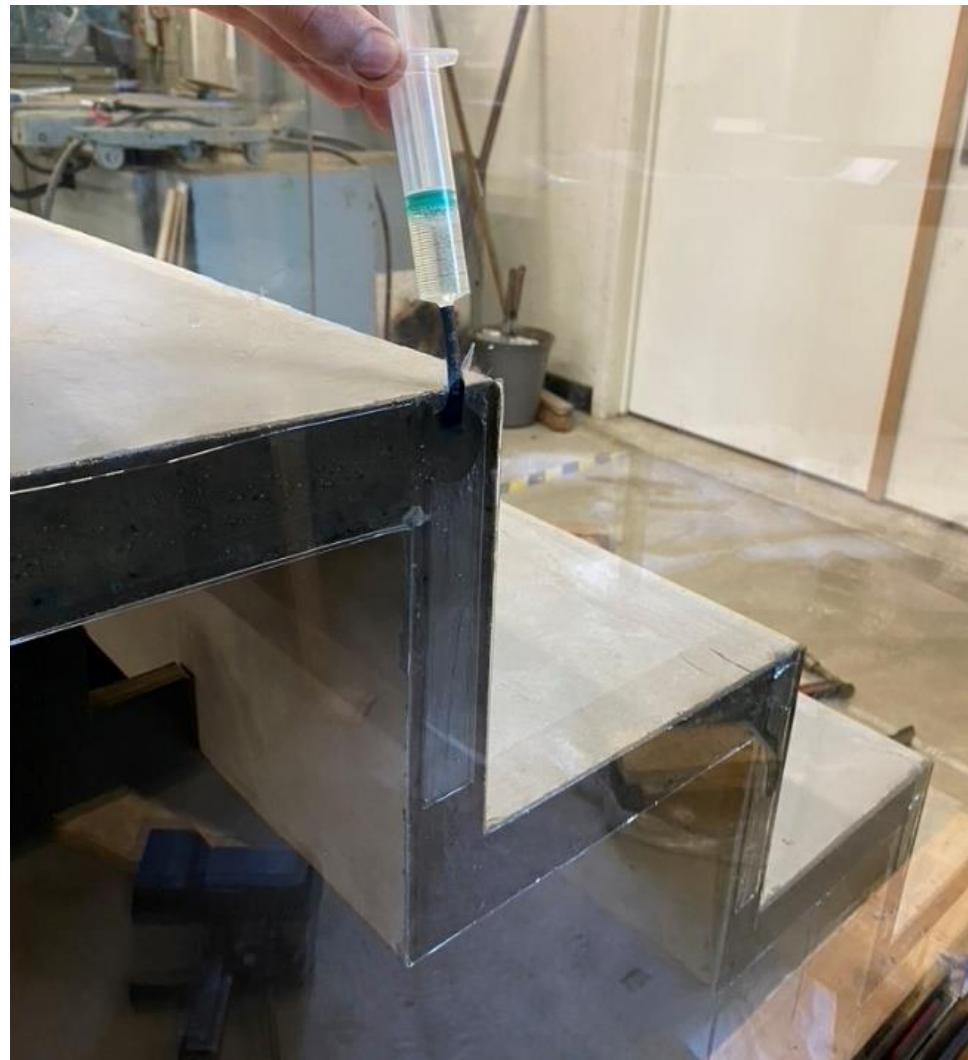




















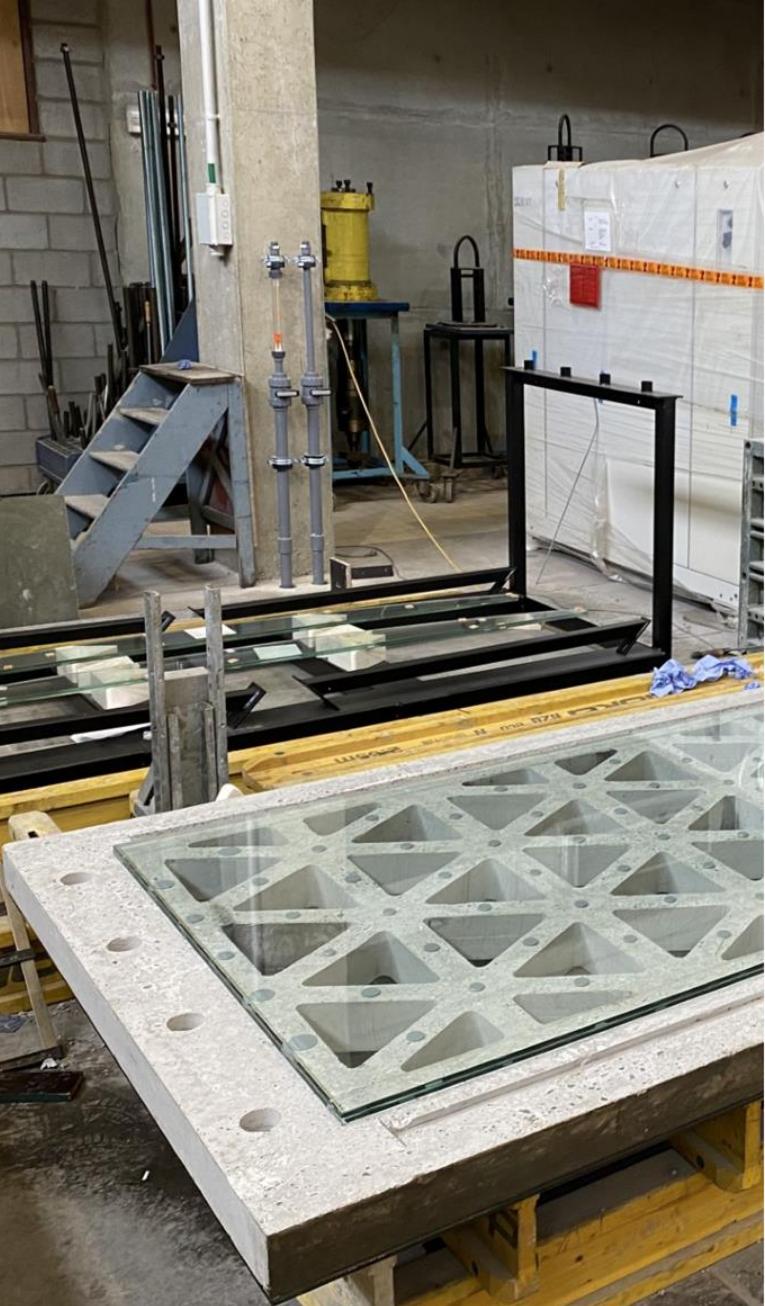
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CONCLUSIONS





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