



GLASS PERFORMANCE DAYS 2019
JUNE 26-28, TAMPERE FINLAND



WORKSHOP

IMPROVING TEMPERED GLASS QUALITY: CHALLENGES AND SOLUTIONS

SUMMARY

After this workshop participants will have the understanding of typical challenges in tempering of architectural glass and be ready to handle upcoming problems in tempered glass production. In this workshop we will show typical problems, give reasons for those. At the end we give hands-on training to solve the typical quality problems.

KEY POINTS

- Visual quality: Overall bow, roller wave, edge bending
- Anisotropy
- Fragmentation
- Heat strengthened glass

TIMETABLE 25TH OF JUNE

9:00 Welcome to workshop, introduction of the participants
9:10 Presentation of tempering process and typical quality problems
10:00 Coffee break
10:10 Presentation of tempering process and typical quality problems continues
11:00 Demo about tempering and problems in tempered glass
12:00 Lunch
12:45 Tempering training to solve quality problems
14:00 Coffee break
14:15 Training continues
16:00 Summary of the day
17:00 End

Duration: 8 hours



ORGANISERS

ANTTI ARONEN, GLASTON

Antti Aronen is a senior research engineer at Glaston. Dr Aronen has over 10 years' experience in the research of the tempering process. His main area of interest is in the modelling of the tempering process.



SAMI KELIN, GLASTON

Sami Kelin is a product manager at Glaston. Mr Kelin has over 10 years' practical experience in the tempering process and furnaces in several roles at Glaston.