



threshold

Glasgow Royal Concert Hall Scotland

Ongoing Threshold commission

Smart use of operating and maintenance funds by an indomitable client has yielded opportunities for improvement despite a lack of capital funding for acoustics.

As original finish materials have aged, replacements have been selected with attention to their acoustic impact. Hardwood flooring replaced carpet, and unnecessary wall absorption was removed to make way for reflective finishes. The result has been a significant increase in reverberation and envelopment.

During a summer's maintenance program, the canopy was simply hung in a new shape after being brought to the stage for a safety inspection, with benefits to loudness and impact. Retractable curtains now reduce liveness and address echoes from loudspeakers, resulting in improved clarity for the amplified speech and music events that constitute more than half of the venue's programming.

These incremental improvements have demonstrated the potential of the hall and have fueled enthusiasm for more extensive improvements now in planning.



Client:

Glasgow Cultural Enterprises

Architect:

Glasgow Building Services

Acoustics Consultants:

Threshold Acoustics

Kirkegaard Associates

THRESHOLD ACOUSTICS LLC

53 West Jackson Boulevard
Suite 1734
Chicago, IL 60604

P 312 386 1400
F 312 386 1414
www.thresholdacoustics.com