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TRANSPARENT SOUND ABSORBER

Clear hard-surfaced absorption panel for glazed/visual areas



The Beacon, Bowie State University, Maryland, USA

MANUFACTURED AND DISTRIBUTED IN AUSTRALIA BY POLYVOX

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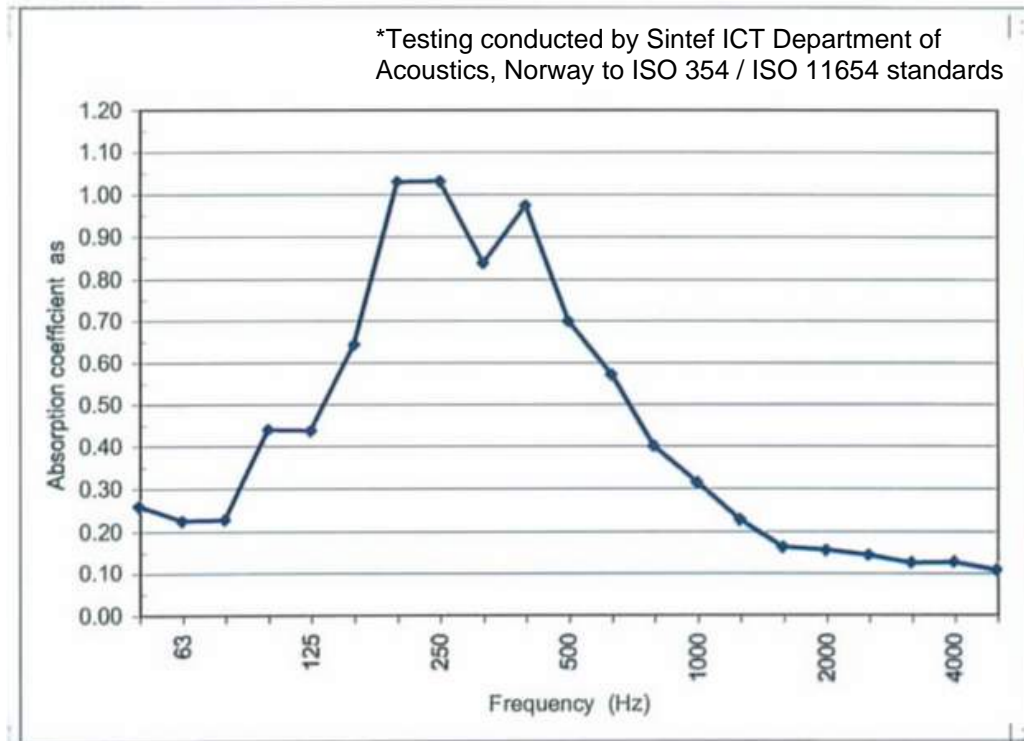


Location: Canadian German Chamber of Industry and Commerce, Toronto, Canada
Mounting: top cable & grippers

PRODUCT DETAILS

- Acrylic PMMA panel for absorption where clear surfaces are required (i.e. glazed meeting room fronts)
- **NRC of 0.55** (panel positioned 100mm from glazing)
- Only clear hard surfaced product on the market
- Developed in Norway , manufactured in Australia
- Utilises Helmholtz Resonator effect - patented design
- Micro-slits cause friction losses on sound waves of a specific wavelength (speech frequencies)
- Applications:
 - Glazed Meeting Room fronts
 - Restaurants/Kitchens
 - Absorption in front of feature stone walls or similar
 - Atrium/Lobby glazing absorption
 - Hygienic and Wet areas (Labs, Food markets, Hospitals)
- Manufactured in Sydney with short lead times

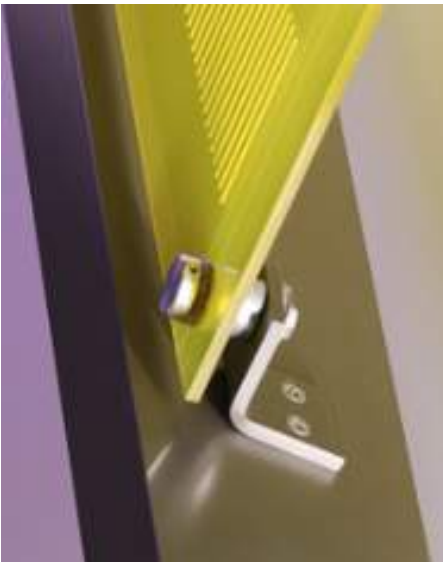
ACOUSTIC TEST DATA



- **NRC of 0.55**, tuned to peak at speech frequencies
- Above test includes a 100mm gap between glazing and DeAmp panel.
- Can be tuned to absorb certain frequencies to deal with specific problems (music rooms, plant rooms etc). Adjustment in cavity width, slot thickness, orientation, density etc.

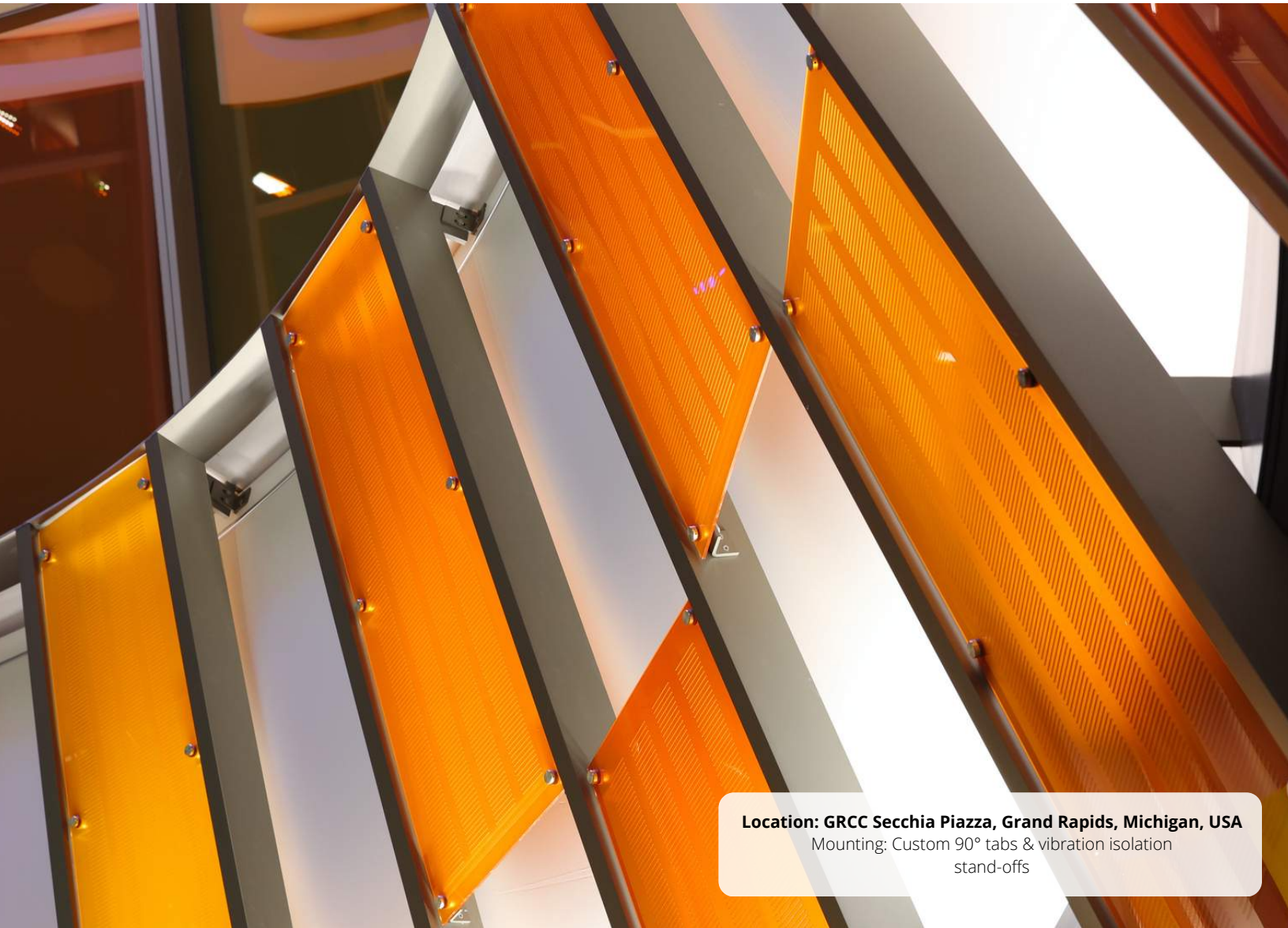
MOUNTING HARDWARE

- Vertical wire mounting between ceiling and floor
- Top and bottom edge grippers
- Side mounted stand-offs
- Various other custom options





Location: Centre for Food, Durham College, Pickering, Ontario, Canada
Mounting: custom side channels



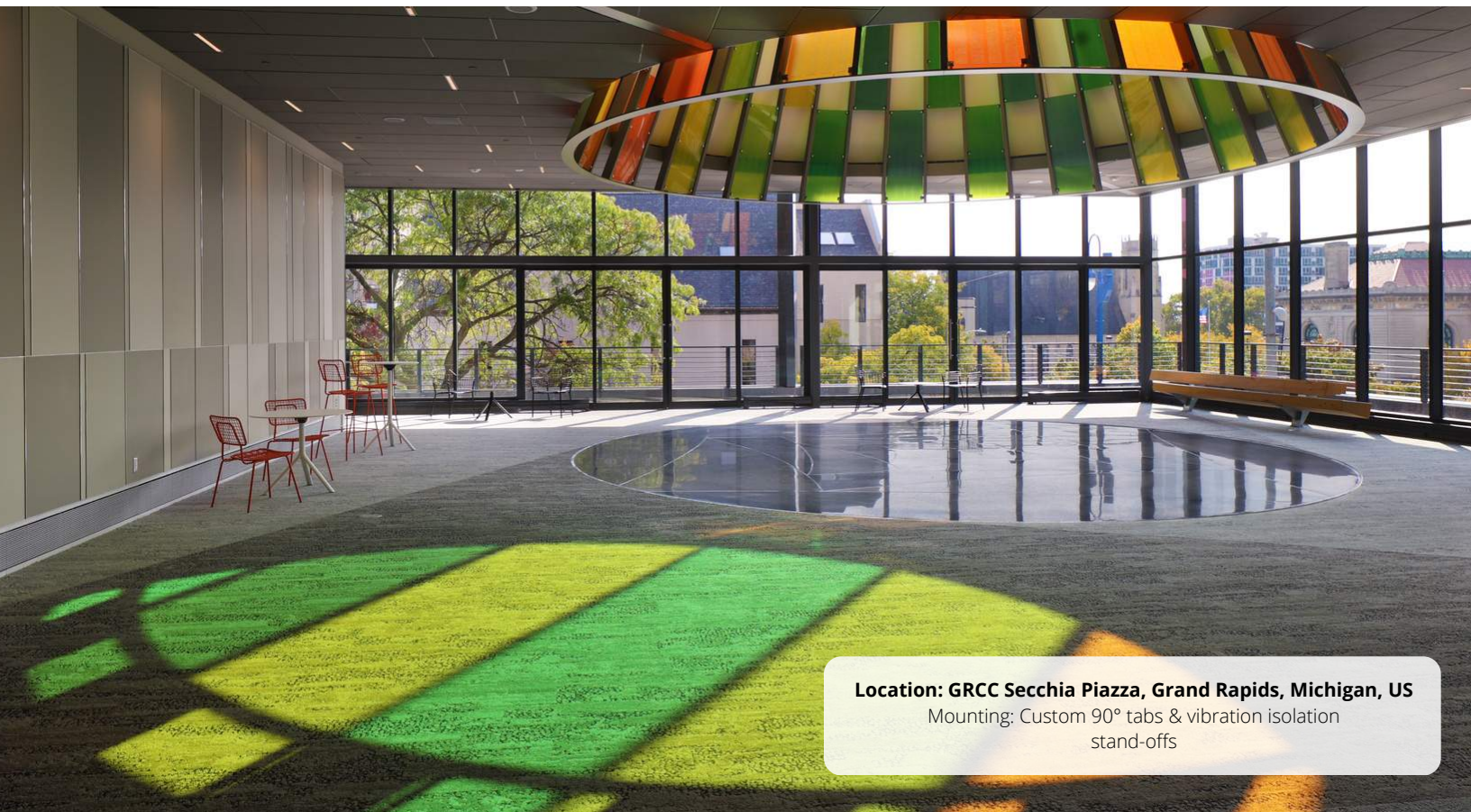
Location: GRCC Secchia Piazza, Grand Rapids, Michigan, USA
Mounting: Custom 90° tabs & vibration isolation stand-offs



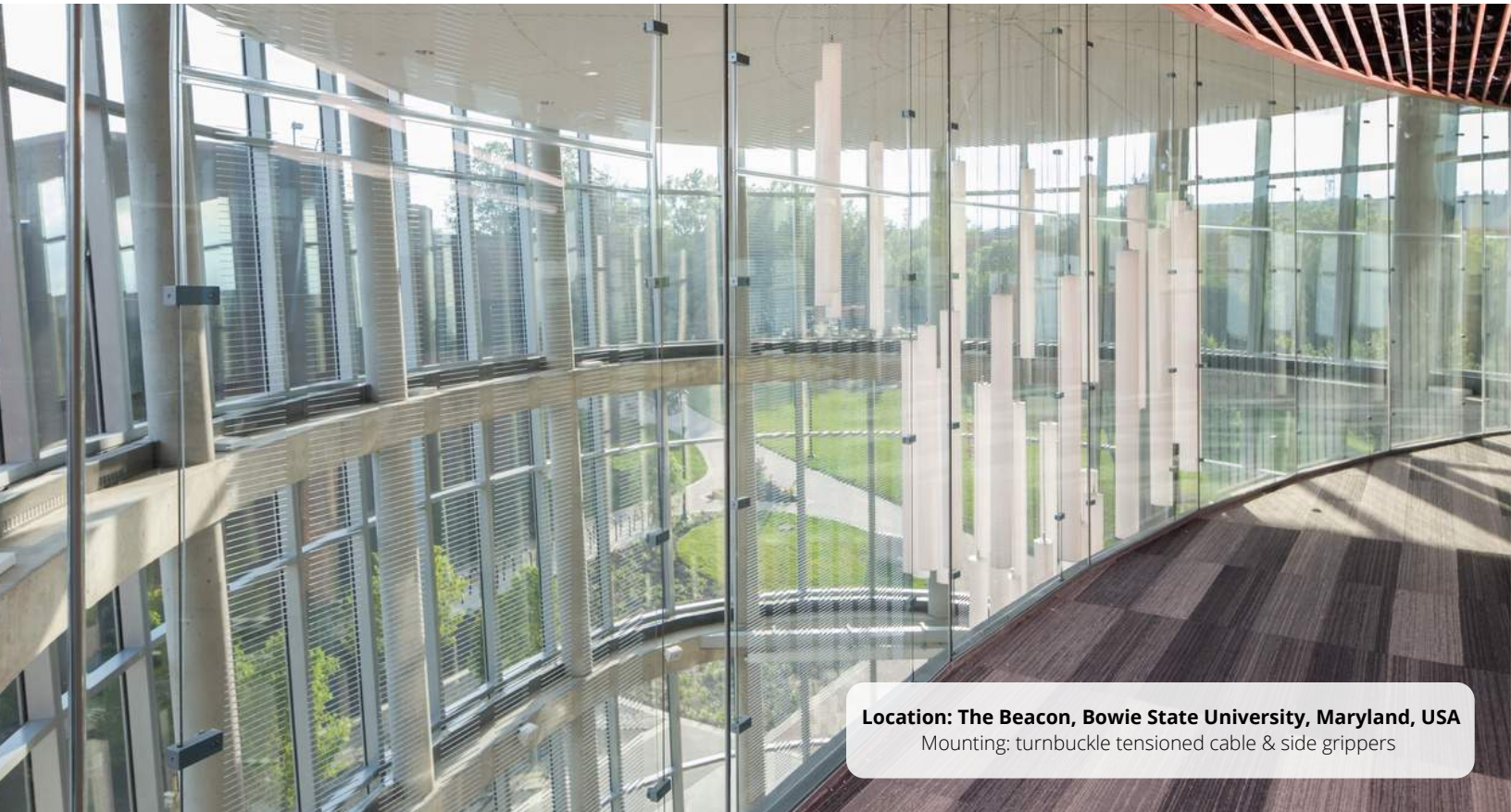
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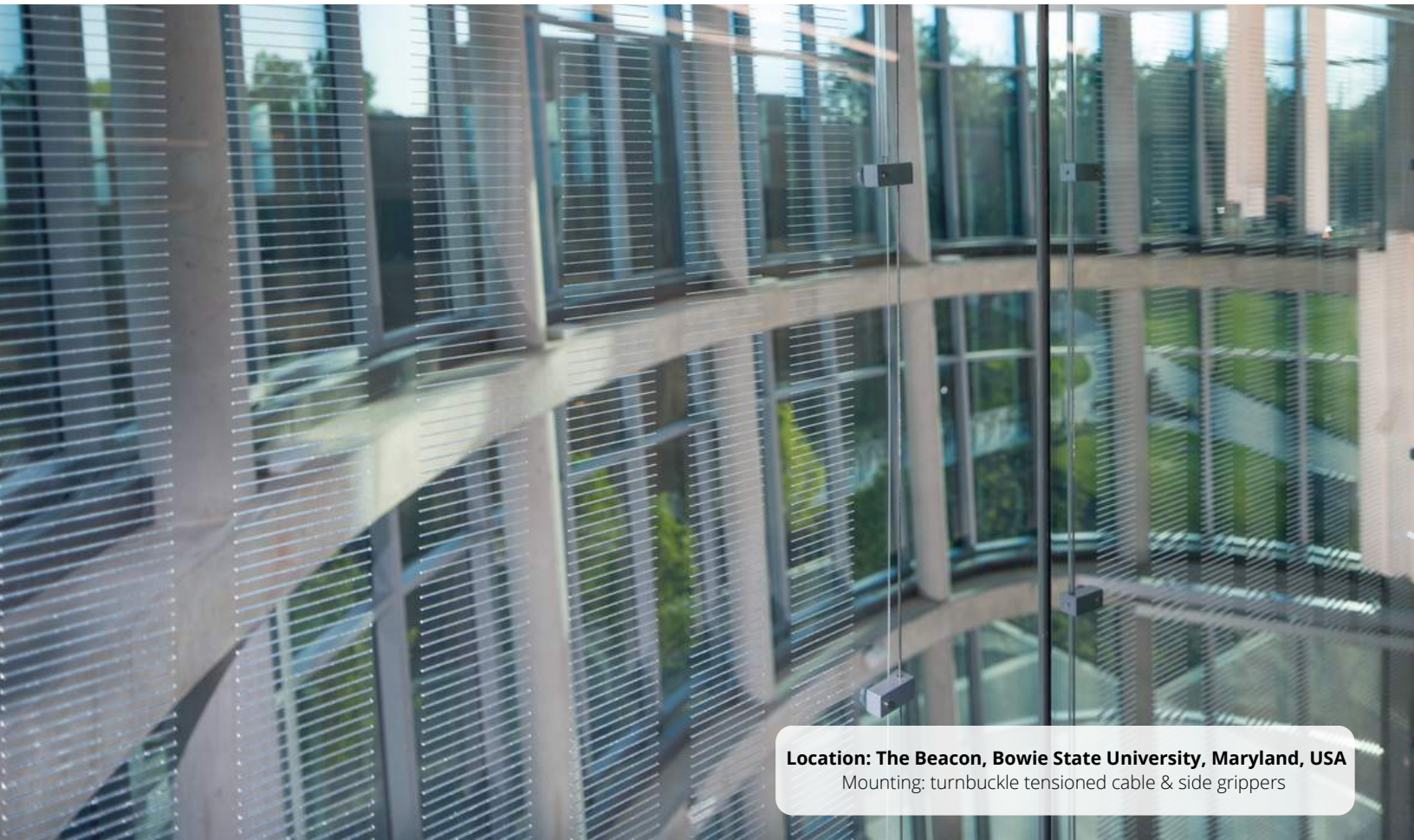
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Location: The Beacon, Bowie State University, Maryland, USA
Mounting: turnbuckle tensioned cable & side grippers



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Mounting: top cable & grippers



Location: The Remix Project, Toronto, Canada
Mounting: top cable & grippers. Custom operable-door brackets

CASE STUDY

Separating partitions between workstations

POLYVOX **deamp**



Location: Ramboll Engineering Design & Consultancy, Trondheim, Norway
Mounting: turnbuckle tensioned cable & side grippers



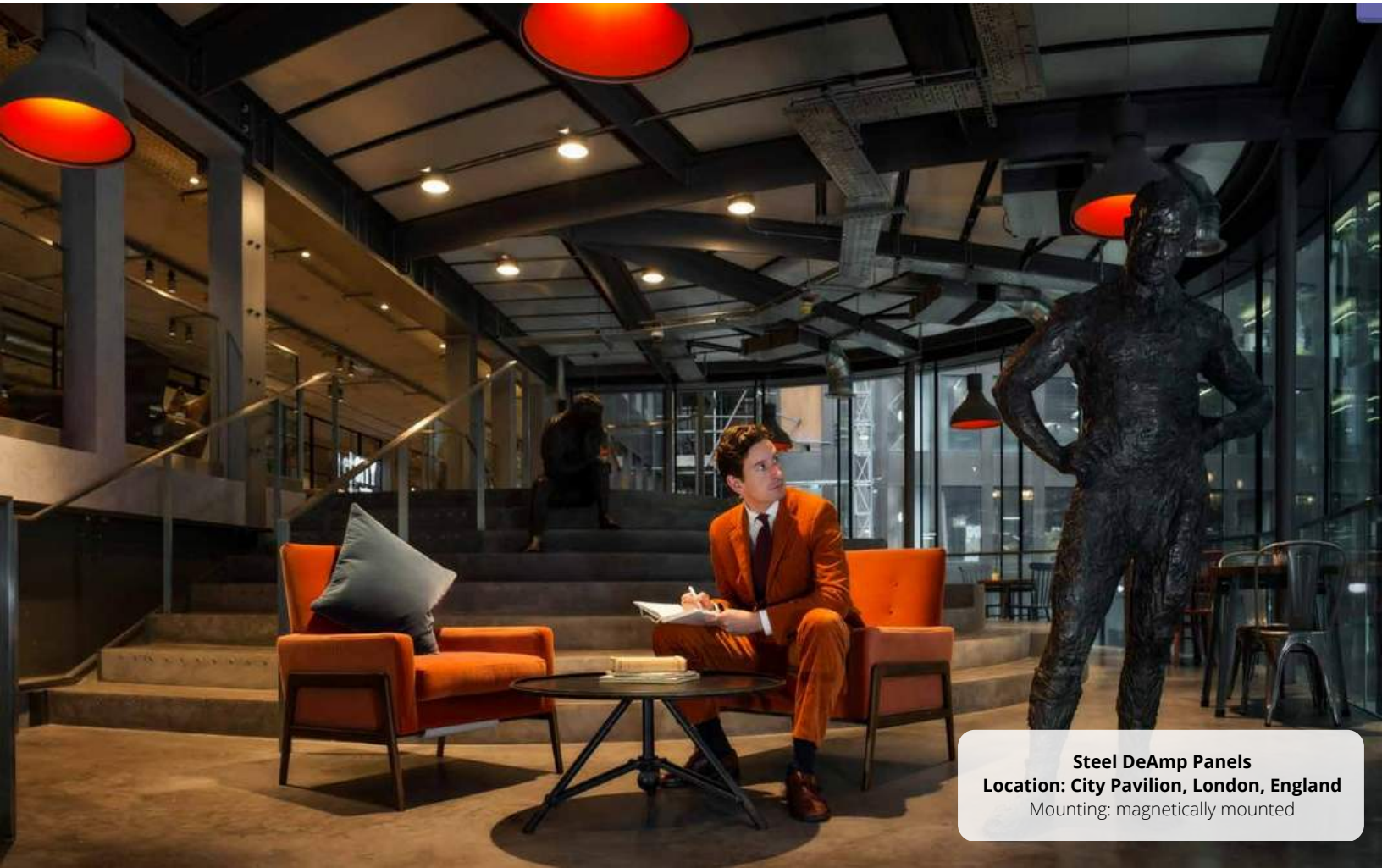
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Mounting: turnbuckle tensioned cable & side grippers



Steel DeAmp Panels
Location: City Pavilion, London, England
Mounting: magnetically mounted



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Location: City Pavilion, London, England
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