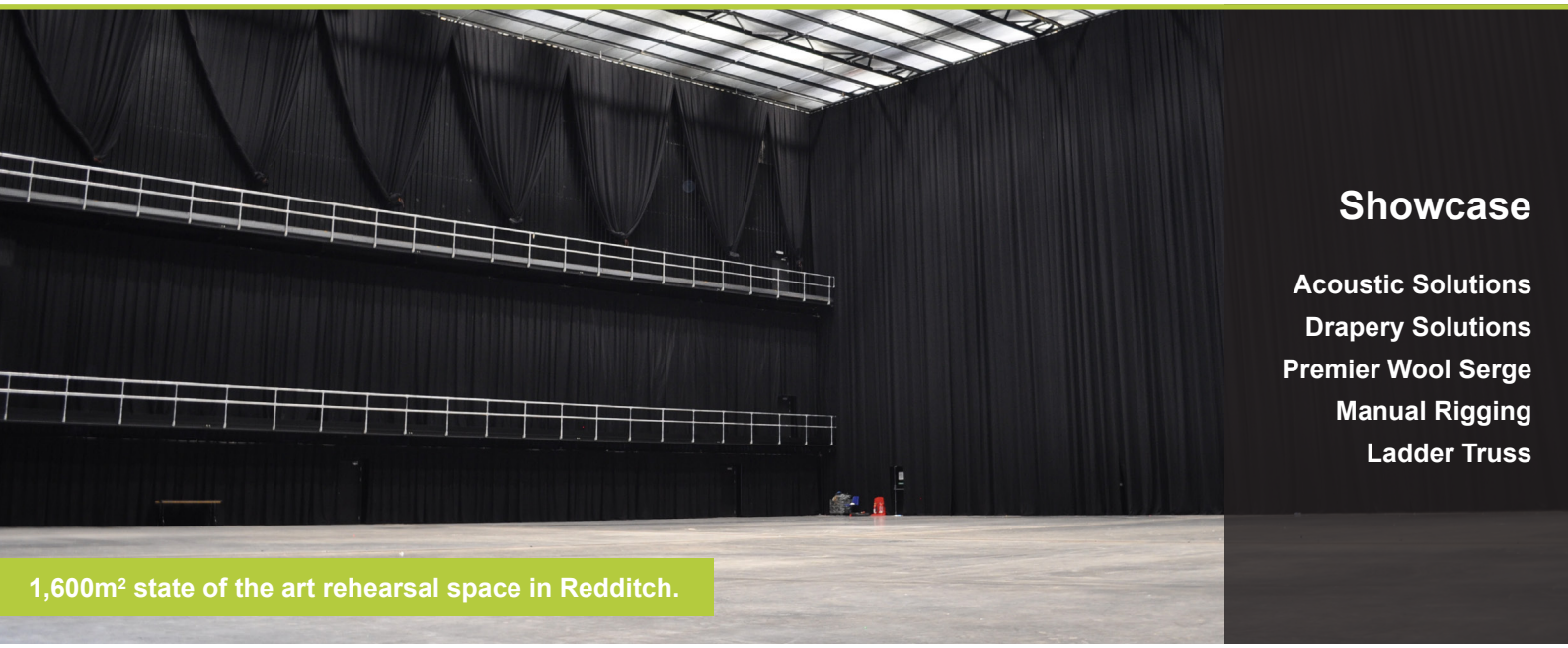
Fly By Nite, England

J&C Joel
Inspiration in every performance



1,600m² state of the art rehearsal space in Redditch.

Showcase

Acoustic Solutions
Drapery Solutions
Premier Wool Serge
Manual Rigging
Ladder Truss

In advance of its completion, J&C Joel was approached by Fly By Nite (FBN) Rehearsal Studios for advice on perimeter acoustic drapery for a new, state of the art rehearsal facility. The facility boasts 1,600m2 of uninterrupted floor space, with a height clearance of 18.5m and a 500-tonne weight capacity in its roof.

Following detailed discussions, J&C Joel was asked to manufacture 4000m2 of acoustically tested Premier Wool Serge drapery, to give the new studio a 360-degree coverage.

J&C Joel's Project team surveyed the site and produced a full set of DWG drawings to ensure all doorways, gantry's and other obstructions were factored into the manufacturing process.

Once manufactured, J&C Joel's Project team installed over 300m of ladder truss, from which the drapery was hung. This was hung from the main roof steels, and catenary cables were carefully positioned vertically through a mesh walking grid and terminated to the ladder truss.

Once installed, the J&C Joel Project team completed the drapes in situ to ensure all items were exactly as Studio Manager Scottie Sanderson required. Due to ongoing building works taking place at ground level, access plant was unavailable; therefore, each bar was hoisted individually, attached with the drape 18m in the air and terminated to the roof steels. Once the team could access the floor using machinery the truss was pinned and connected.

Nick Falkner, who lead the project for J&C Joel, commented: "The remarkable aspect of this job was the sheer size and weight of the drapes, and the challenges we had to get them suspended in the air with the majority being 18 metres tall. Numerous factors had to be considered such as the natural stretch of the fabric to ensure all the drapes hung just off the floor."

FBN Studio Manager, Scottie Sanderson, said: "Not having much experience with drapes, this was one of the more challenging procurements for FBN Rehearsal Studios. The team at J&C Joel was fantastic to work with throughout the complete process. Oliver Marns was extremely helpful with clear and straightforward advice and guidance throughout. Nick Faulkner and his team battled against some tough hurdles to ensure the volume of drapes were hung correctly in time for our first inbound clients. Watching a seamstress tailor black Wool Serge at a height of 9m in a scissor lift isn't something you see every day – nothing was a problem."

360°	3579	18
Coverage	metres² of fabric	metre drop