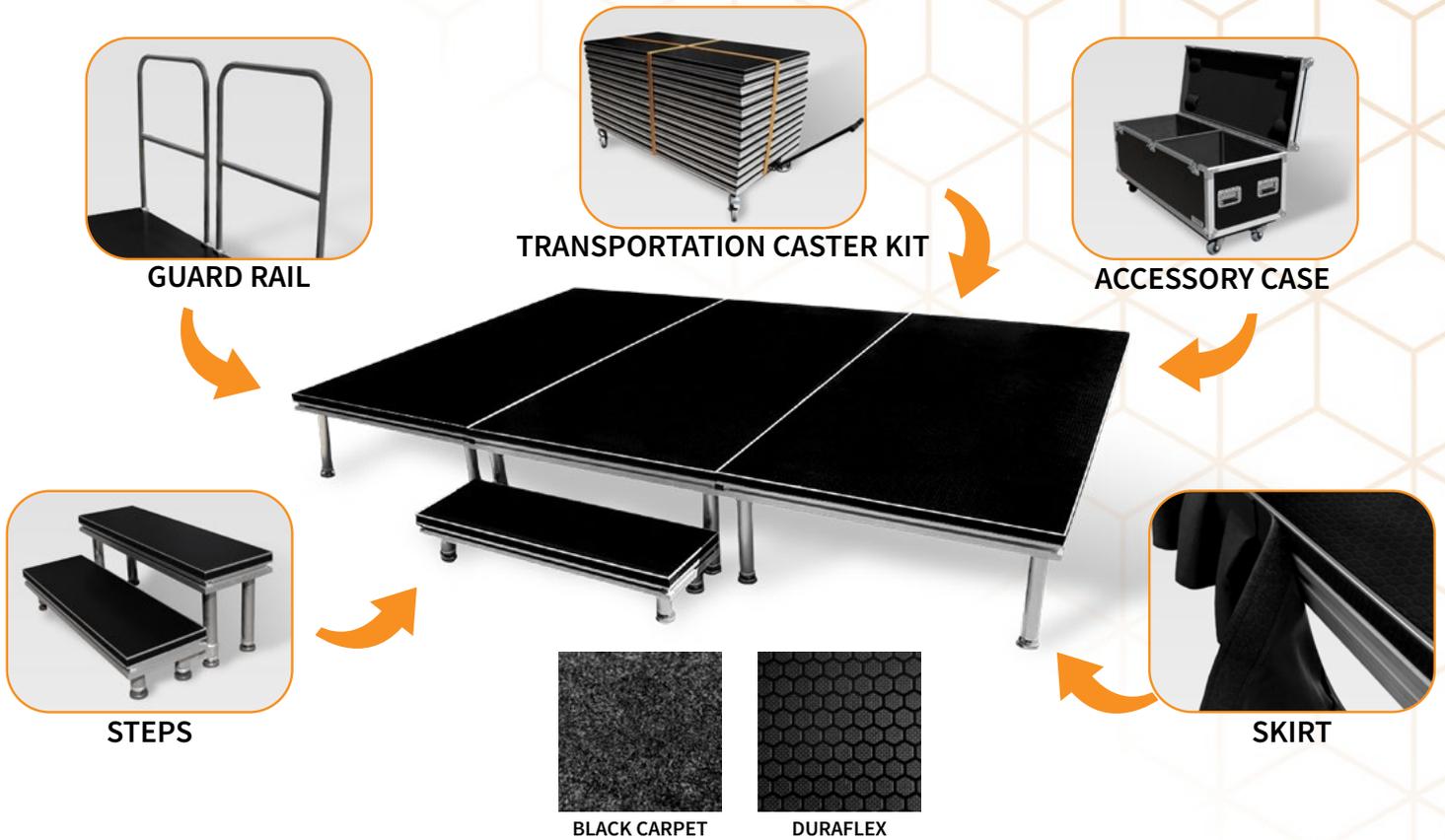


All Terrain Series

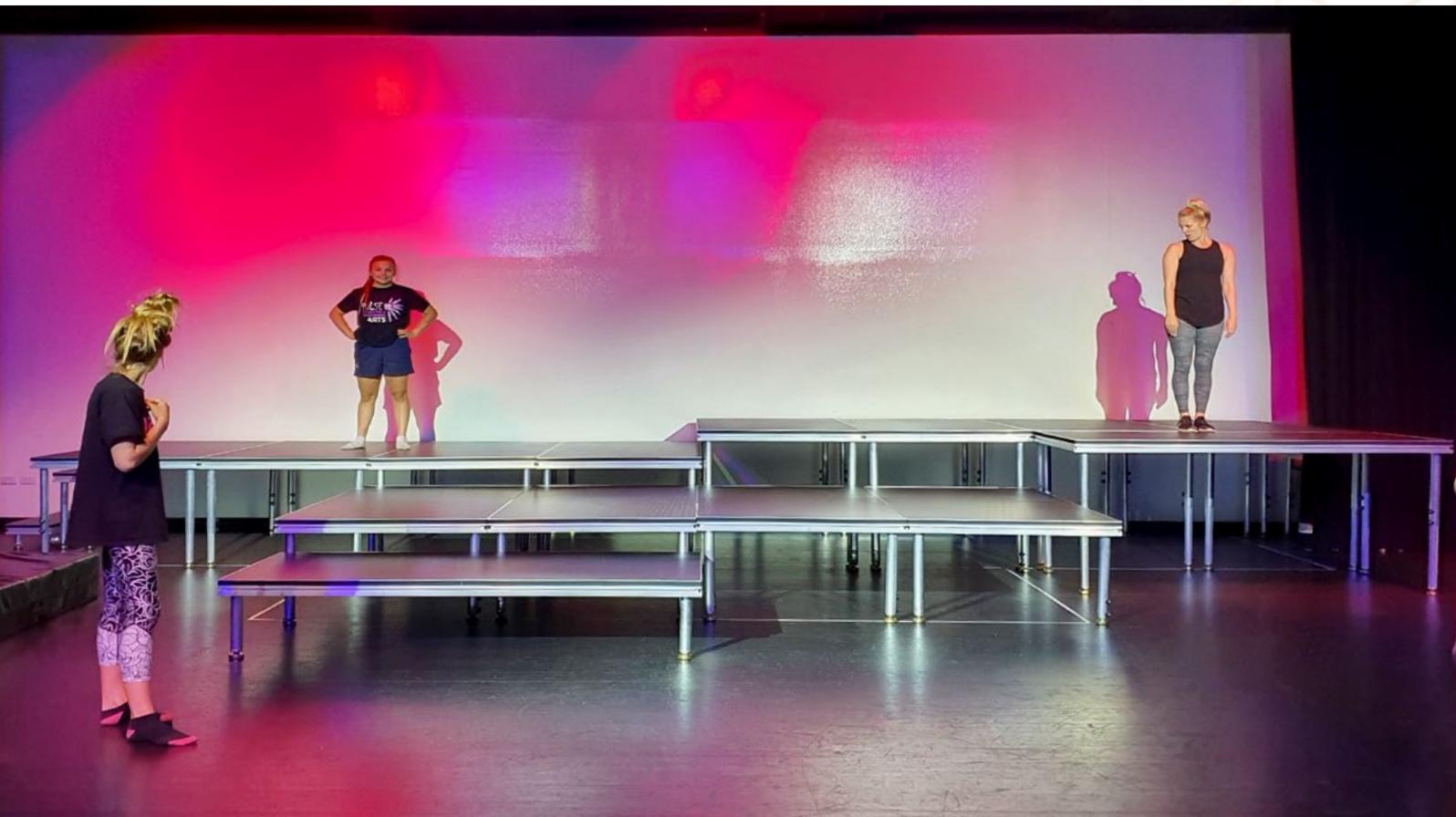
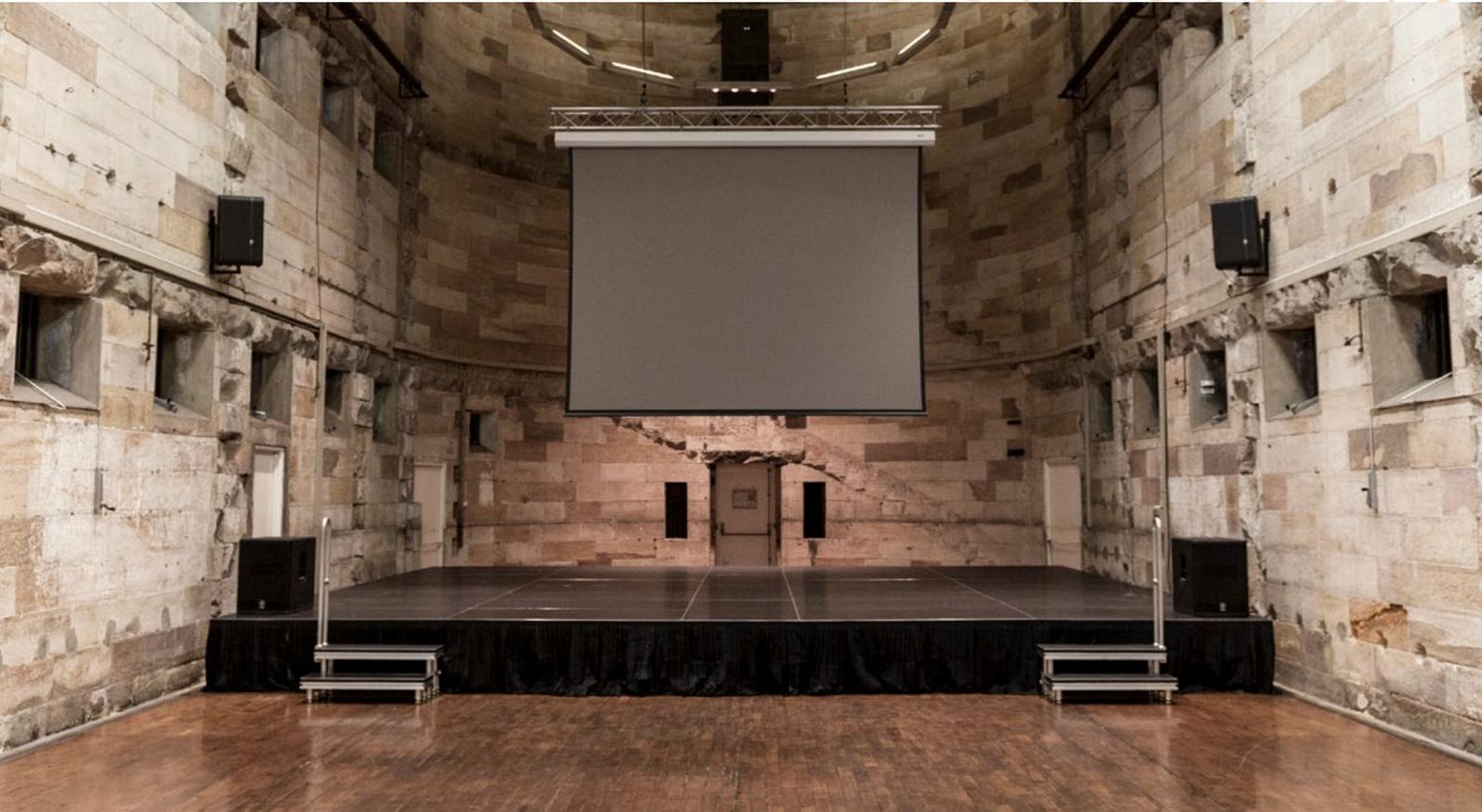


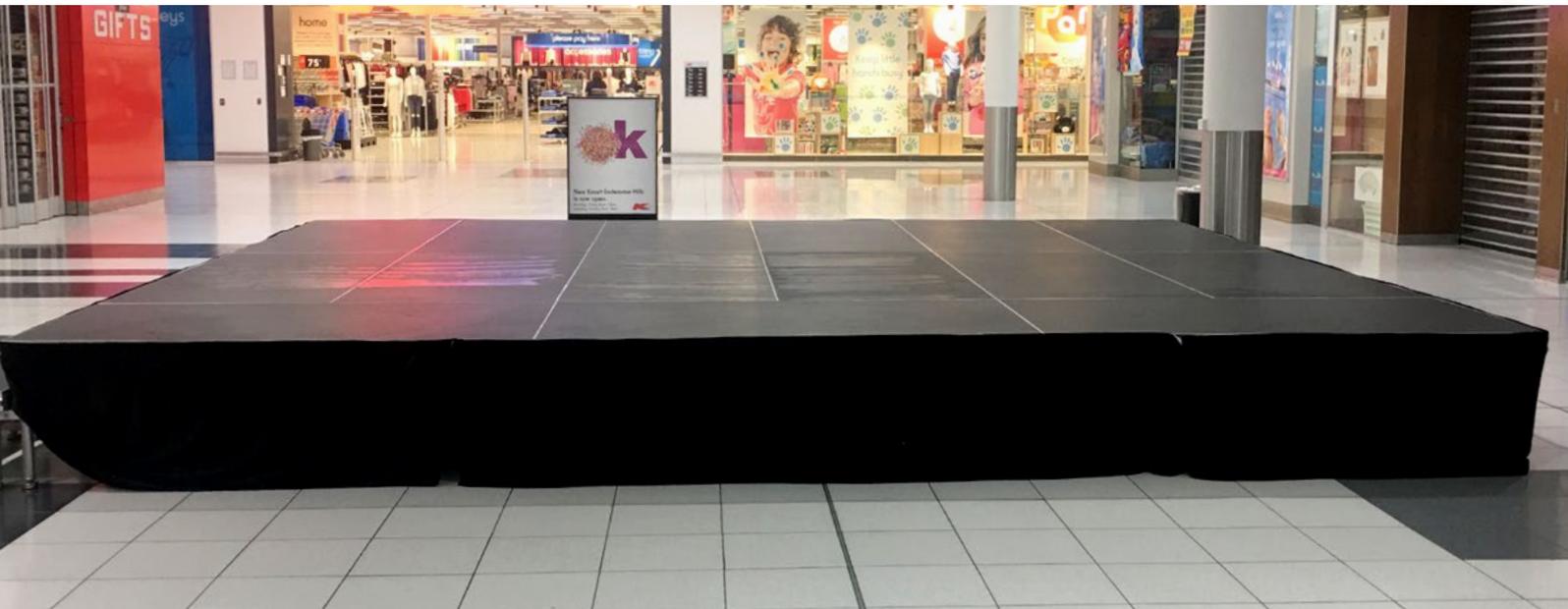
OUR STAGING SYSTEM

Transtage's Portable All-Terrain Staging System is the ultimate choice for the Professional Stage user, when the requirements are varied and use is frequent, you'll require our top of the line product offering. This system competes with the most advanced Staging Systems available in the world, incorporates features not typically seen in System offerings, and allows users the greatest flexibility available on the market today. Simply choose your Surface, Height requirements, Step Kit(s) required, Skirts, Guardrails and Stage Transportation method if necessary. This system is also Modular, easily transported and is super Heavy Duty for those more demanding scenarios. Staging made by professionals, for professionals.

SPECIFICATION

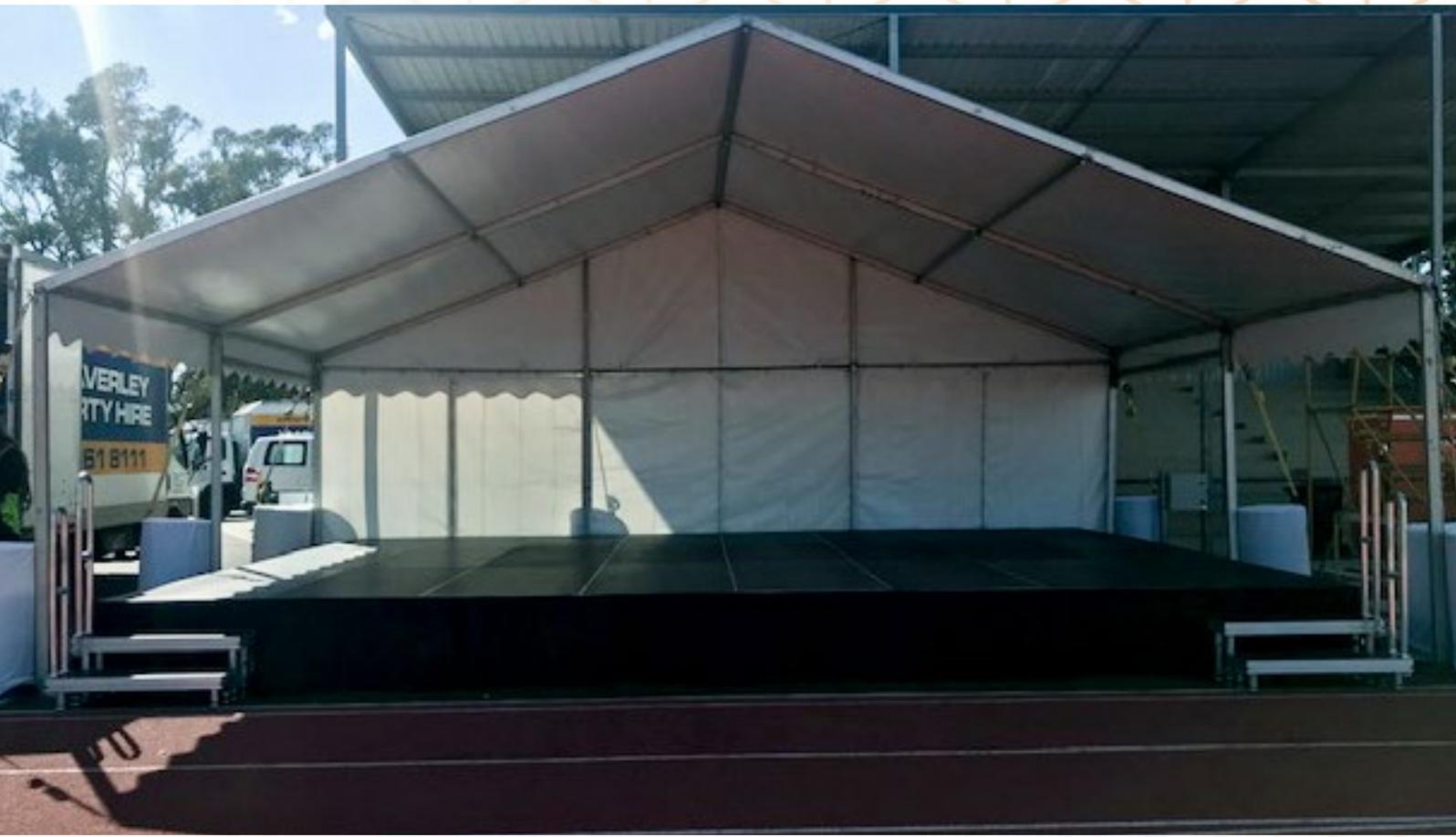
PLATFORM SIZE	2m x 1m, 1m x 1m, or Custom Made
SURFACE TYPE	Duraflex, Black Carpet
AVAILABLE HEIGHTS	20cm - 120cm or Custom Made
PLATFORM WEIGHT	36kg for 2m x 1m, 18kg for 1m x 1m
LOAD CAPACITY	1000kg/m ²

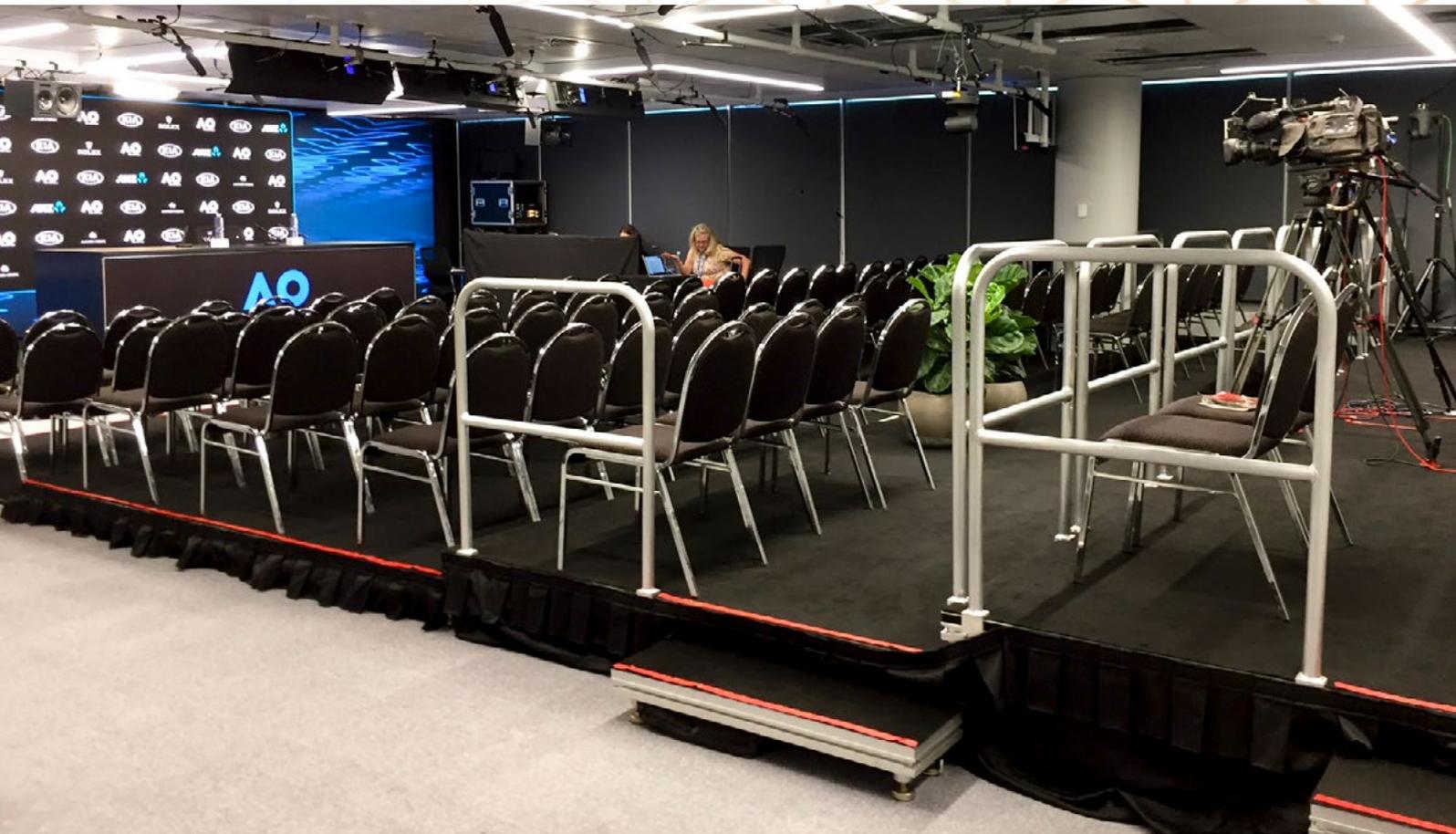






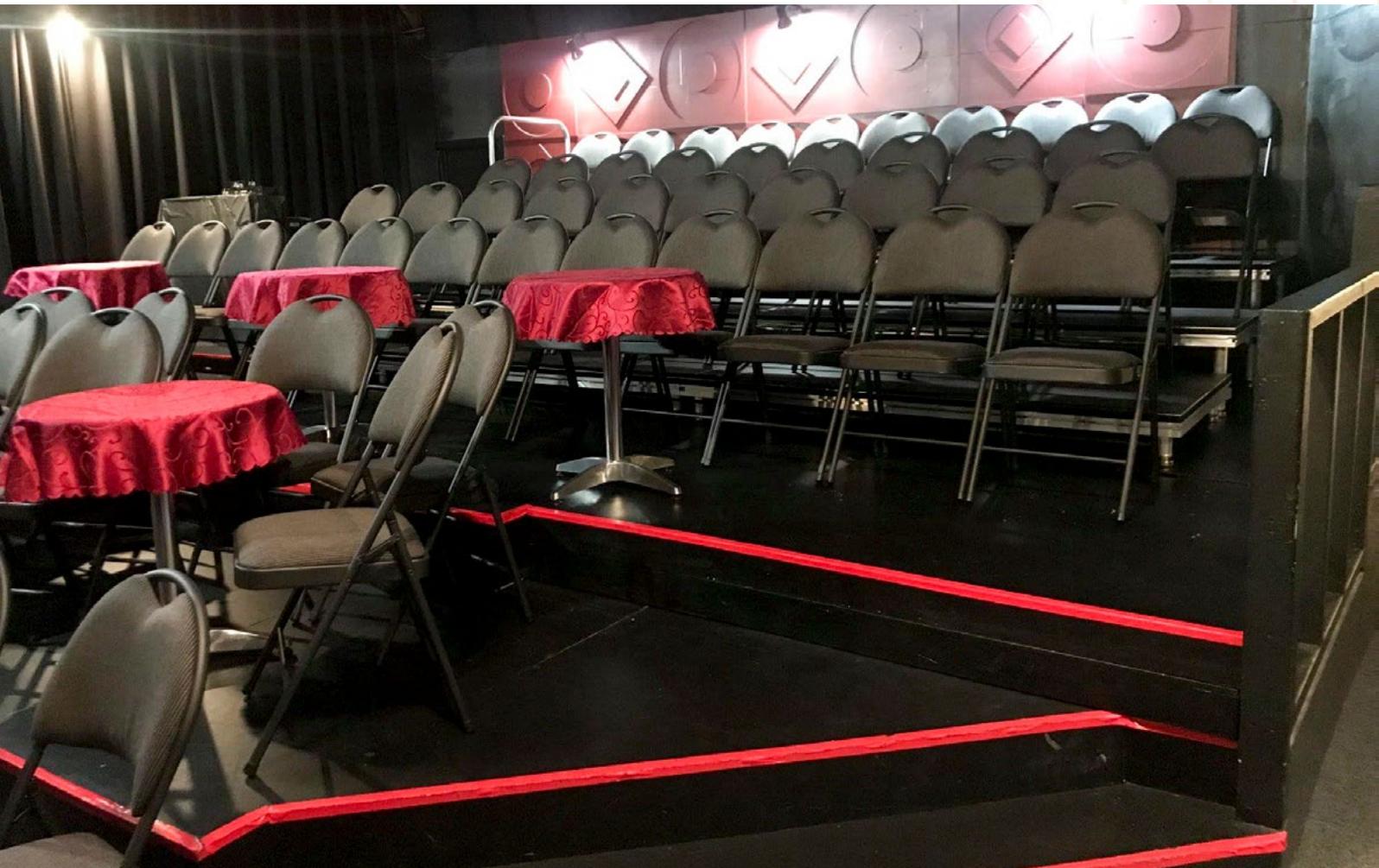
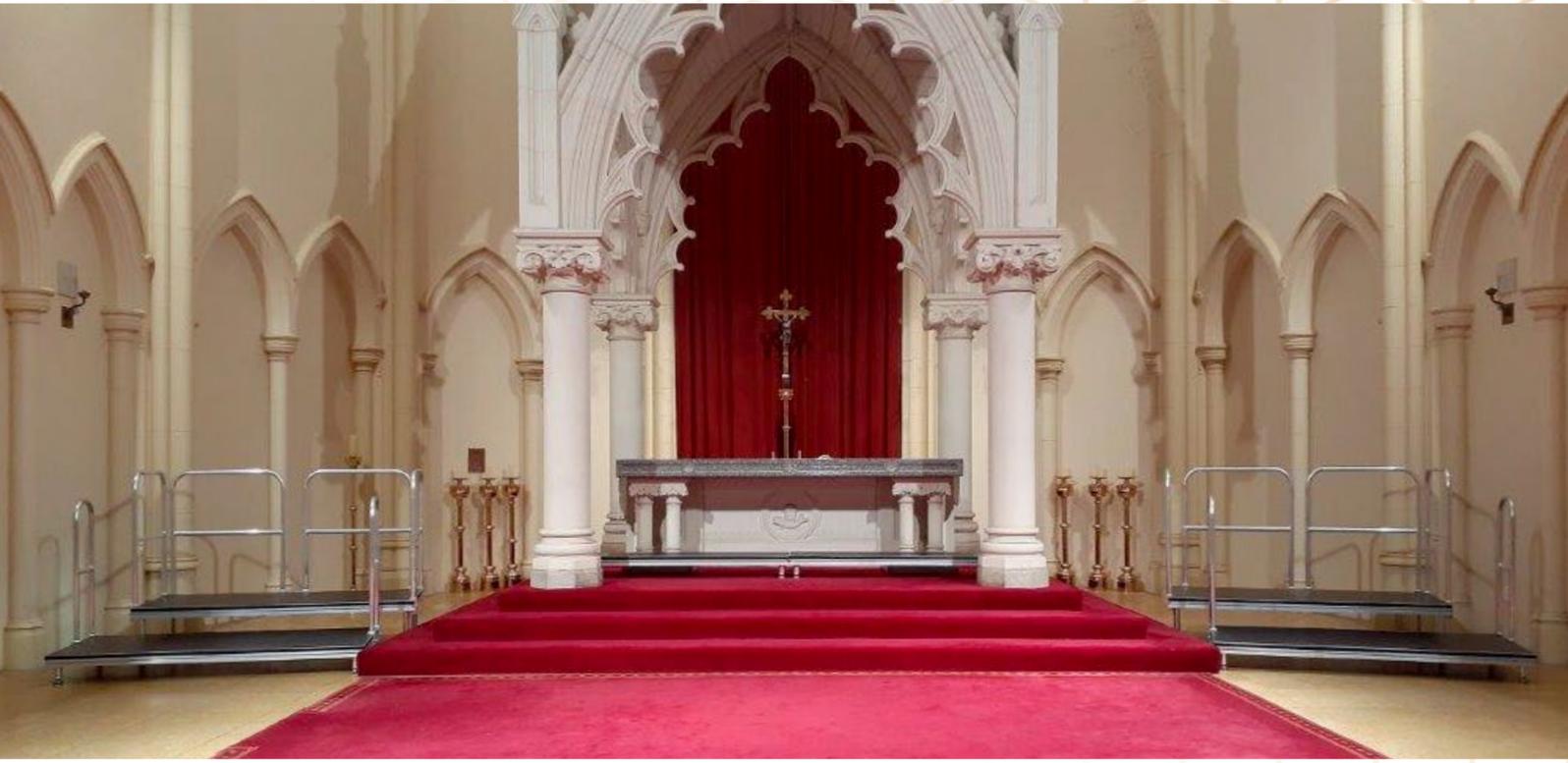


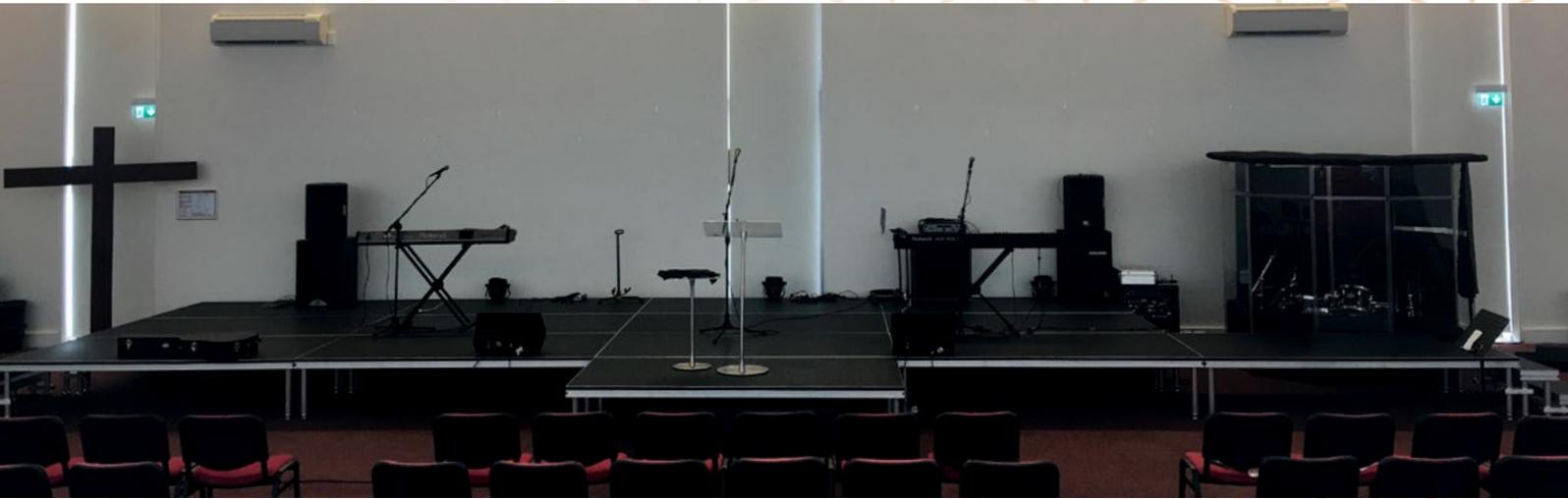




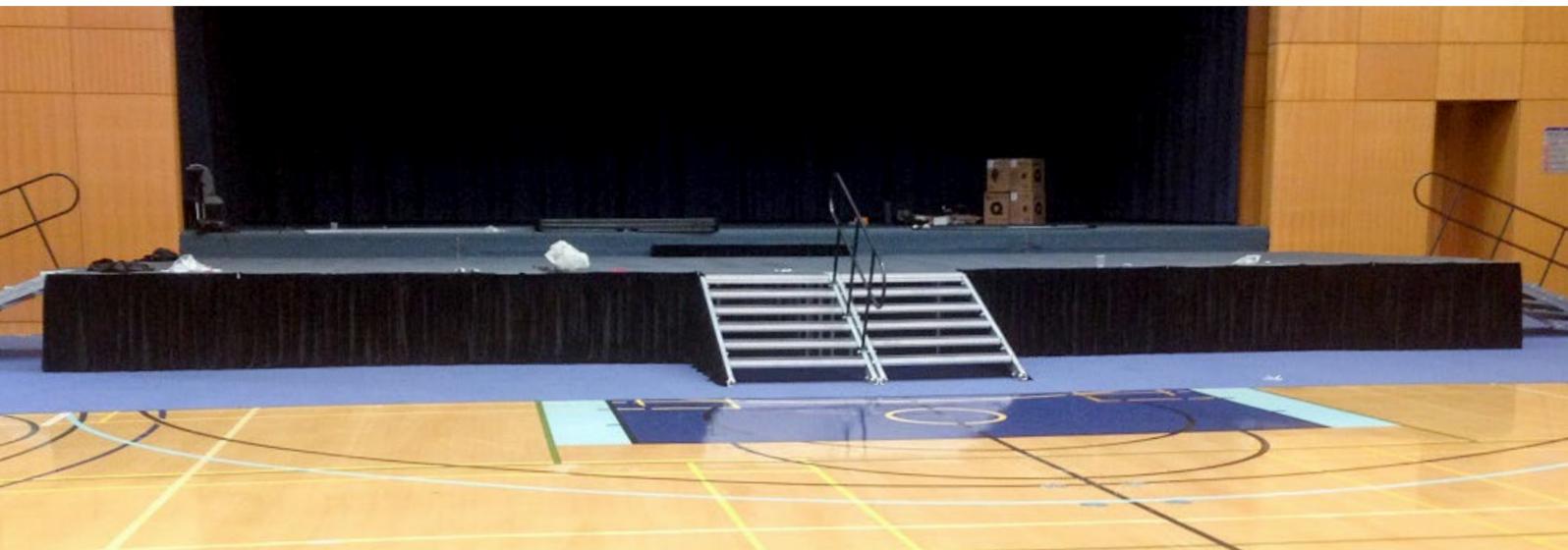


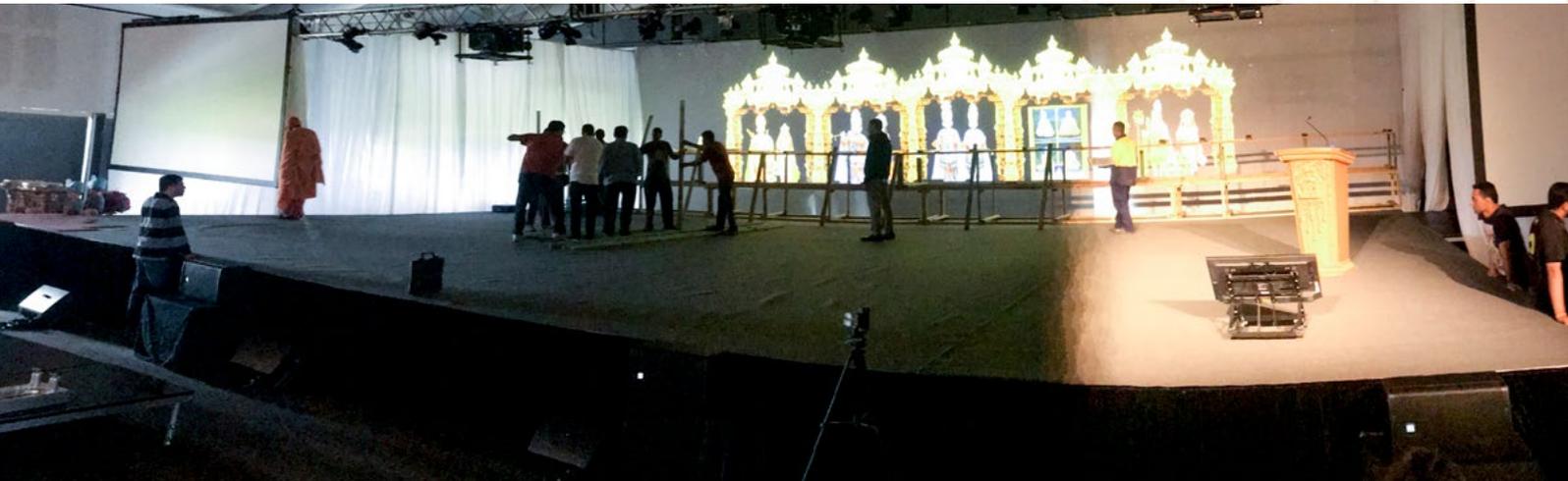












TSE

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Transtage Staging Equipment
 1/364 Park Road
 Regents Park, NSW 2143



Re: Load Capacity of Transtage All-Terrain Staging

Dear Sir,

A series of tests on five Transtage All-Terrain staging units measuring 2000x1000x380 mm in height were undertaken for your company in May 2015. The tests involved the application of either a vertical point load, or a vertical uniformly distributed load to the central 1000x1000 mm part of each unit, on the horizontal surface of each unit up to a maximum deflection of 180 mm. The results are summarised below.

Loading Condition	Transtage 2000x1000x380 mm aluminium and plywood stage unit Mean Load Capacity
Central point load capacity	32.7 kN
Edge point load capacity	19.3 kN
Uniformly distributed load capacity	51.3 kN

The vertical load capacities listed above were based on the peak load capacity of the staging units which occurred after substantial non-linearity on the load-deflection response. The ductility of the units was excellent, with a total central deformation at failure of about 150 mm. It has been assumed that no dynamic or lateral loads are applied to the units concurrent to the vertical uniformly distributed load. Given the non-linear deformation characteristics at advanced loads, it is suggested that a material performance reduction factor of 2.0 be applied on short-term crowd loading of the units, thus it can be estimated that the design point load capacity of each unit is 16 kN for a central load and 9.5 kN for an edge load. The capacity under a distributed load is about 2.5 kPa.

Yours faithfully,

Dr. Stefan Bernard BE, PhD, Director, TSE P/L