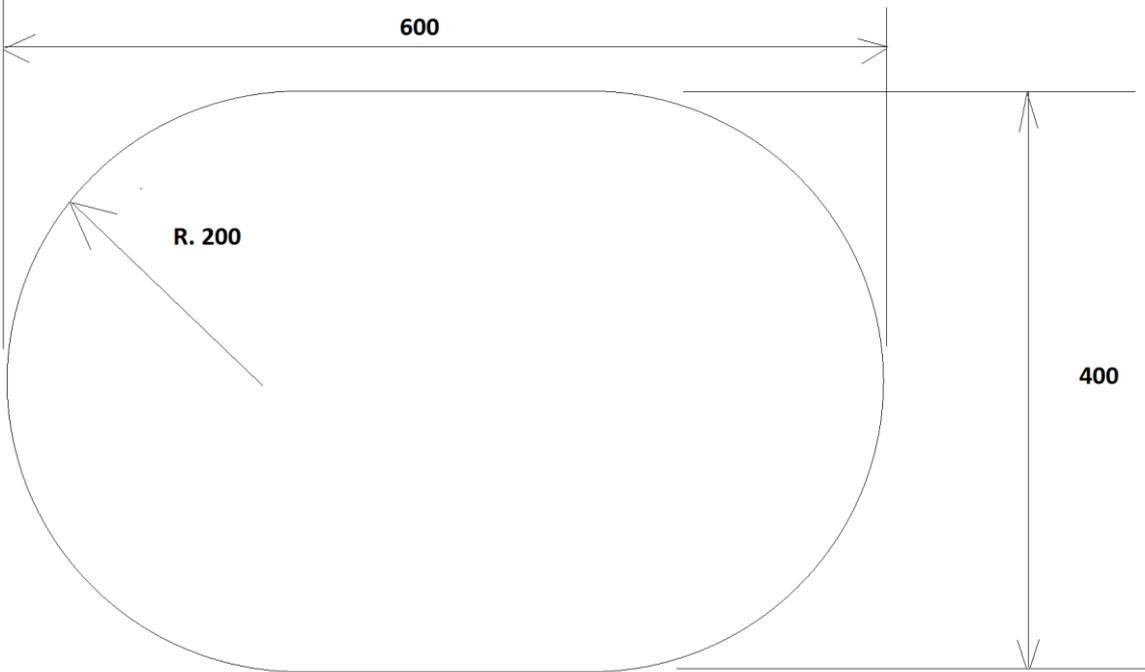


PAS 2012 Technical Interpretation		Interpretation number	018
Title	Access to secondary exit from wheelchair space		
PAS Version	2012 : 2015 and 2012 : 2019		
Clause(s)	5.1 (2015) and 5.1 (2019)	Entrance	
Enquiry	Clauses 5.1.1 and 5.1.2 between them, demand two entrances to the wheelchair space, but stipulate that only one needs to be large enough to allow the occupied wheelchair to enter or exit the vehicle. There are no specified dimensions for the second entrance. Could some clarification be provided, as PAS certification is reliant on subjective assessment in this area?		
Decision	This will be addressed at the next review (due in late 2021). Until then, it has been agreed that part of the PAS inspection process will be to assess whether or not the test gauge for emergency exits specified in Paragraph 7.7.3.3 of UN ECE Regulation 107.08 can be passed from Point P of each wheelchair space, through the WAV and out of the secondary exit, whilst keeping an axis passing through its centroid and perpendicular to its surface, approximately parallel to its direction of travel. This will NOT be a mandatory requirement for PAS accreditation, but between the time of publication of this Technical Interpretation and the next review, the information should be recorded in the test report. For WAVs capable of carrying more than one wheelchair, the requirements need to be met for each Point P in turn, with any other wheelchair travelling positions unoccupied.		
Rationale	<p>Although the note below 5.1.2 in the 2019 version makes it clear that the secondary entrance does not need to provide wheelchair access, it also states that the purpose of the second entrance is so that the assistant can reach the wheelchair. This is hard to define objectively. It has therefore been decided that a pragmatic interpretation would be to adopt the requirement used in ECE Reg 107 for access to emergency exits on buses. Starting at Point P of each wheelchair travelling position in turn, with no other wheelchair in the vehicle and with the gauge orientated in any position possible, whilst keeping its surface in a vertical plane, the gauge should be passed from Point P to the outside of the vehicle, through the secondary exit. Folding seats may be folded to permit this to happen and the gauge may be rotated during the process, but must remain substantially perpendicular to its direction of travel (i.e. it is not permissible to allow the gauge to travel “edge-on” to pass through narrow slots). Between adoption of this technical Interpretation and the next review of PAS, the requirement is not mandatory for PAS accreditation, but should be carried out at each assessment as an information gathering exercise, with the (anonymised) results made available to the Technical Working Group by the time of the next review.</p>  <p>The diagram shows a rectangular wheelchair space with a width of 600 and a height of 400. Inside the space, there is a circular area with a radius of R. 200. The diagram illustrates the dimensions and the circular area within the wheelchair space.</p>		
Effective date	27/04/2021	Signed off by: D. Vooght, R. Brotherwood, D. Donnell	