# EK1550 Outdoor Fireplace - Timber Cavity Detail

				55	930 min. cavity depth	140
typical external wall of the building				11 *	896	1 1 34 
				·		
selected non-combustible cladding on 4.5mm JH RAB board on lightweight steel framing	10	)00 he	arth depth from of		*	
AAC cavity to form heat cell around the appliance	4					
custom 3mm MS flashing fixed to outer flange of the appliance	e width	pening width		40, 185	530 13	
lintel shown dashed - ensure100mm clearance to AAC cavity below	590 appliance	546 fireplace opening width				
Escea EK1550 Outdoor		1 546 ·				
AAC cavity vent min. 48000mm <sup>2</sup>						
lightweight steel frame to front face of fireplace cavity	4	10				
insulating hearth to floor rebated		0				
non-combustible cladding to front face of cavity - depth will vary				-		
outdoor loggia, patio or deck surface						

### Notes:

- All dimensions are in mm. DO NOT SCALE OFF THESE DRAWINGS.
- This detail sheet is for the installation of an EK1550 Outdoor Fireplace into the exterior of a building, and within a timber framed cavity.
   Some parts of this fire and the cavity into which it is installed, may get hot during operation. Ensure any materials used are heat resistant and non-combustible to resist deformation or degradation. Escea takes no responsibility for material selection.

Plan

- Follow the manufacturer's instructions for specifying and installing wall claddings, finishes and AAC Panels.
- Lightweight steel framing is intended to be non-loadbearing.
- The minimum hearth depth is 300mm, but a 1000mm hearth (in accordance with AS/NZS2918) is recommended and required when the fireplace is installed less than 790mm off Floor Level.
- For flue detailing refer to the requisite Timber Cavity Flue Technical Detail, which can be found at www.escea.com
- This technical sheet must be read in conjunction with the EK Series Installation Manual, the latest version can be found on our website at *www.escea.com*

GENERAL CONSTRUCTION AND FINISHES SHOWN INDICATIVE ONLY

Contact the ESCEA Architectural Advisory Team for assistance with the specification of this fire - aa@escea.com

scale 1:20

FIRE BY CSCCC

# EK1550 Outdoor Fireplace - Timber Cavity Detail

timber frame to support chimney above the roof line		930 min. 55,75,135 77777 50 777	cavity depth 140 586 25,75,34 450 50 11 11
350/400/450 flue system			
combustible ceiling above the fire			
lintel size TBC - ensure100mm clearance to AAC cavity below AAC Cavity dropbox to support the flue system	clearance to ceiling above		
selected non-combustible cladding on 4.5mm JH RAB board on to lightweight steel framing	754 min.		e width
Escea EK1550 Outdoor	1863 min. cavity height 3 fileplace height pening 15		
custom 3mm MS flashing fixed to outer flange of the appliance		19,85	
AAC cavity vent min. <b>48000mm²</b>	14: AAC pane		
lightweight steel frame to front face of fireplace cavity	17 <b>*</b> 666		
non-combustible cladding to front face of cavity - depth will vary	* *		
combustible cavity vent min. <b>70600mm²</b>	26		
timber frame engineered to support weight of fireplace, AAC and flue			
insulating hearth to rebated			
		Section - Side	scale 1:20

### Notes:

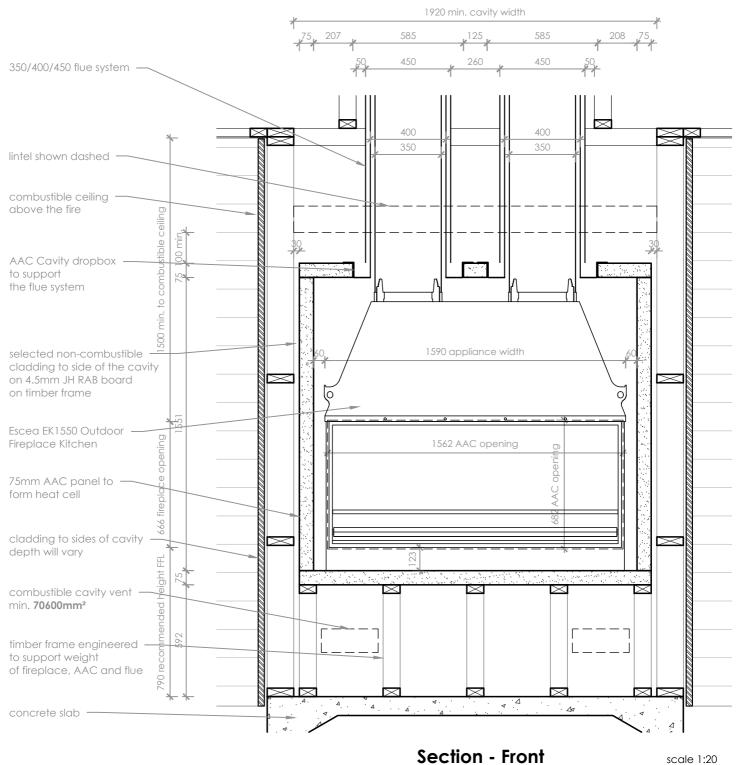
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