



**Anglia Composites**  
Making The World A Safer Place

## Fibreglass Roof Access & Walkways

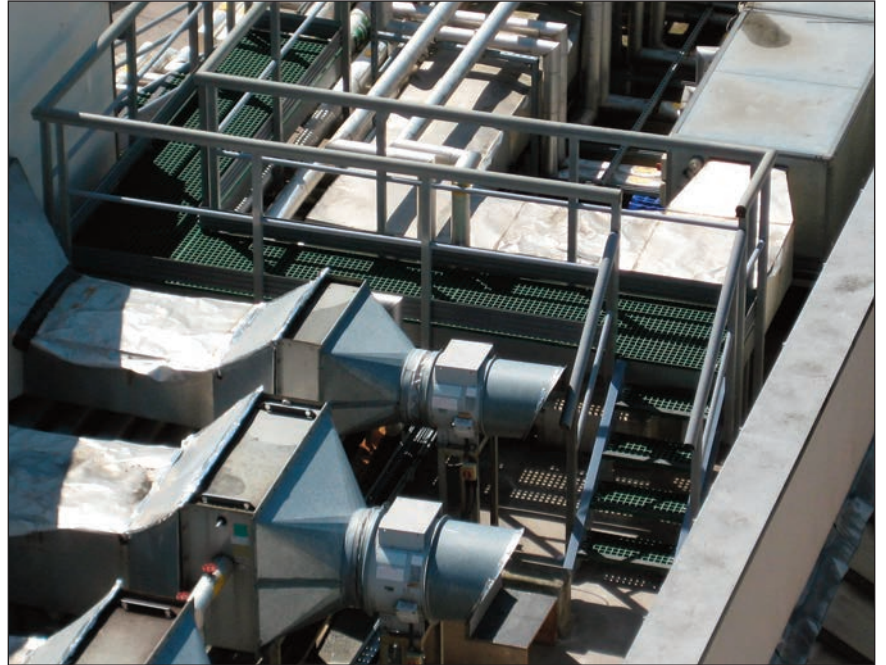
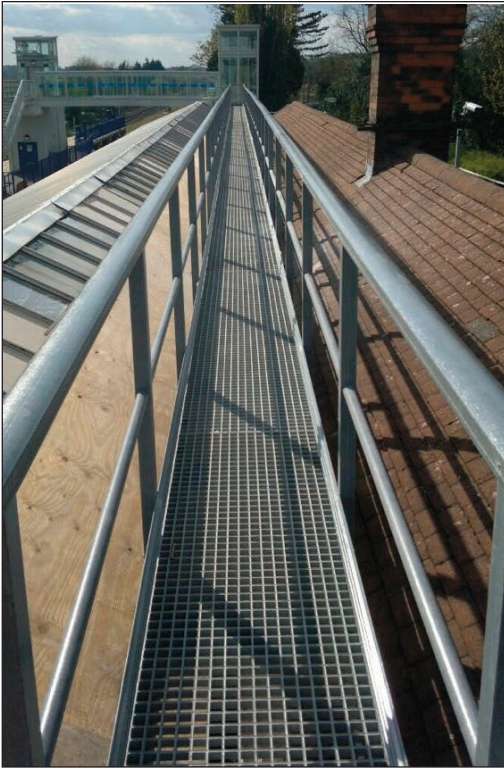


Fibreglass Gratings  
Anti-Slip Floor Sheets  
Ladder Rung Covers  
Fibreglass Ladders  
Work Platforms  
Riser Shaft Flooring  
Pultruded Profiles  
Handrail Systems

Disabled Ramps  
Stair Nosings  
Safety Gates  
Walkways  
Stairs & Steps  
Trench Covers  
Mouldings  
Tread Covers

# Roof Walkways From Anglia Composites

Fibreglass roof walkways are the ideal answer to roof access problems. Our walkways are low weight but incredibly strong. They are also completely corrosion resistant so will never rot or rust and fire resistant Class 1 to British Standard BS 476 part 7.



All walkways are built to British Standard BS 5395-1. Fibreglass has a high weight to strength ratio but is lightweight meaning the weight of the walkway does not have to be taken into account when making calculations.



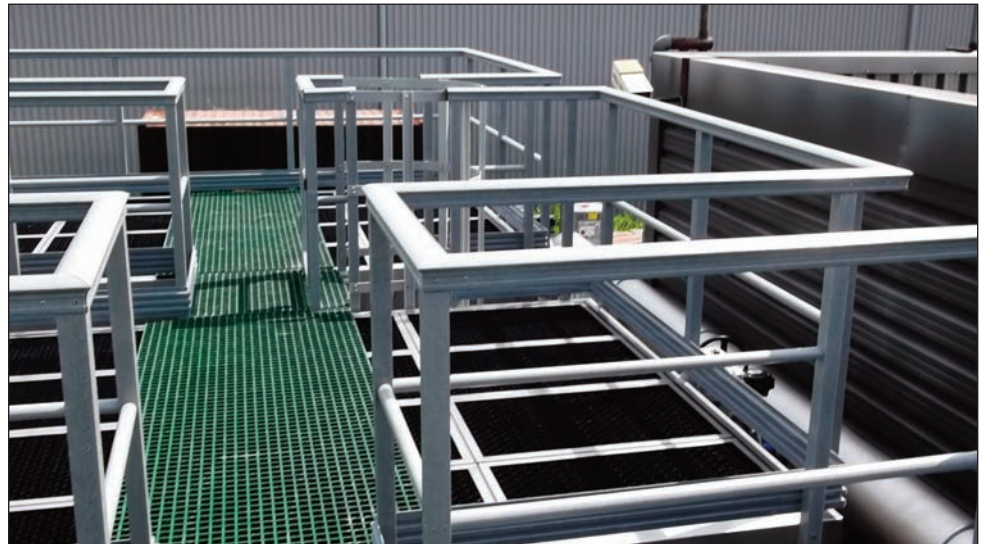
Handrails and ladders can be built in Yellow or Grey. Gratings are available in Green, Yellow and Grey all from stock. All fixings are stainless steel.

We offer a complete design and build service backed up by our 100% satisfaction guarantee.

Ladders and stairways with handrails can be built to any shape, size and configuration.

Our handrail systems have been tested in accordance with British Standard BS6399-1 and have successfully passed enabling it to be used as a handrail or barrier.

Fibreglass handrails are thermally stable so will not 'burn' your hands in freezing conditions.



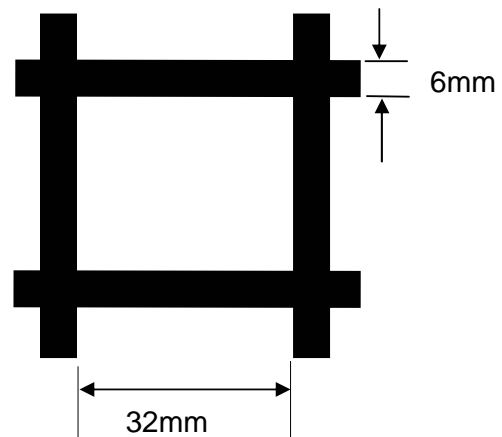
## MECHANICAL AND PHYSICAL DATA OF MOULDED FIBREGLASS GRATING

Grating Depth	BAR THICKNESS		PER 300MM OF WIDTH				No. of Bars Per 300mm	Glass Content %	Weight Kg/m <sup>2</sup>	Open Area %
	TOP	BTM	CM <sup>2</sup>	CM <sup>4</sup>	CM <sup>3</sup>	EI KG/M <sup>2</sup>				
38mm	6.60	5.00	17.74	21.81	11.31	275	8	30.5	18.0	69.0
25mm	6.60	5.50	12.39	6.71	5.24	119	8	32.0	12.0	69.0

### WEIGHT

25 mm: 12 kilos per square metre

38 mm: 18 kilos per square metre



### MECHANICAL DATA

Elastic Modulus	27 Gpa
Flexural Strength	2.8 Gpa
Tensile Strength	650 Mpa
Compressive Strength	90 Mpa
Dielectric Strength	18 KW/mm
Specific Gravity	1.5÷1.7
Thermal Expansion Factor	$13 \times 10^{-6}$ mm/mm C <sup>o</sup>
Water Absorption	0.1% + 0.3% x 24 hours (ISO R62)
Operating Temperature	-100c to +180c

### MANUFACTURING TOLERANCES

Standard Panel Size	+ 3 mm	-0 mm
Cut Panel Size	+ 5 mm	- 5 mm
Thickness	+ 1.5 mm	- 1mm
Mesh Pattern	+ 1mm	- 1mm