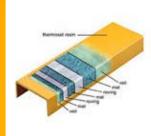
STAIRCARE SC-R UV PROTECTION



TAILOR MADE FRP SOLUTIONS FOR A LARGE RANGE OF INDUSTRIES SINCE 2004



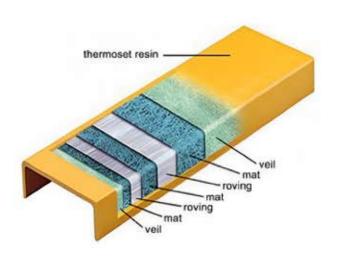


Staircare SC-R UV Protection

UV Protection

UV inhibitors are mixed into the resin and also into a synthetic surfacing veil that is incorporated ensuring optimum protection from UV radiation and the harsh outdoors.

As an option Staircare offers an additional UV coating that can be applied to products with extreme UV exposure, such as off-shore platforms etc.





UV Test Reports

Accelerated weathering testing in accordance with ASTM G 154 and test for colour fastness ISO 105 – A02 1993/COR 2:2005 have been conducted on Staircare SC-R 50 x 50 x 5mm FRP square hollow section and SC-R 38 x 38 x 38mm thick square mesh with girt.

According to ISO 105 – A02: 1993/ COR 2: 2005 the grey scale was determined under standard light with scale 5 as the best and scale 1 as the worst.

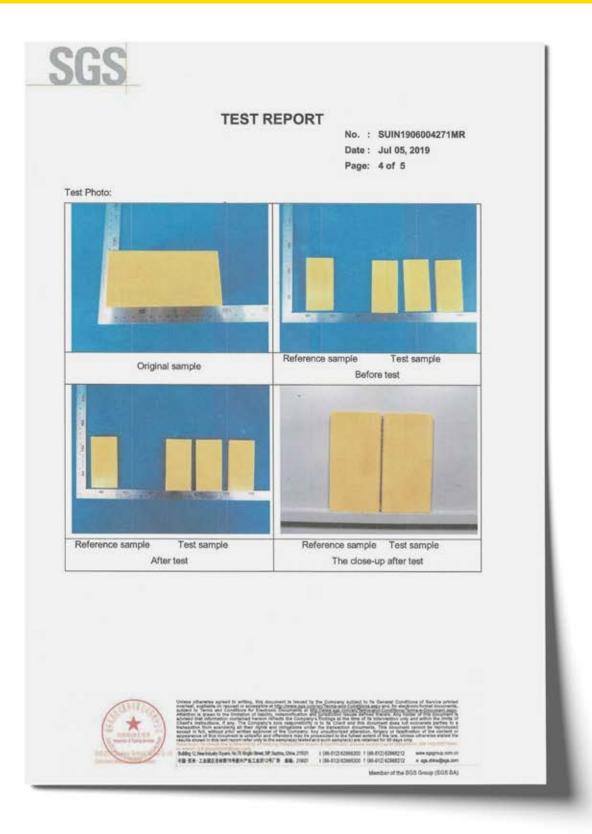


SC-R 50 X 50 X 5mm FRP Square Hollow Section Light Aging Test – UV Exposure: Grey Scale Score 4

TEST	REPORT	
		No. : SUIN1906004271MF Date : Jul 05, 2019 Page: 3 of 5
Test Item: Light Ageing Test-UV Exposure		
Sample Description: Yellow plastic parts		
Test Method: ASTM G154-16 Cycle 1		
Test Condition:		
Exposure cycle:		
ASTM G154-16 Cycle 1		
Lamp type: UVA-340		
8h UV at (60±3)°C BPT, (0.89±0.02)W	/(m**nm)@340nm	
4h condensation at (50±3)°C BPT Exposure duration: 400h		
Test Result:		
Test Item		Grey scale
Light Ageing Test-UV Exposure		4
Note:		
1. According to ISO 105-A02:1993/Cor.2:2005	5, the grey scale w	as determined under the D65
standard light, with scale 5 as the best and		
2. The results were carried out within 1 hour a	fter above specifi	
	fter above specifi	
2. The results were carried out within 1 hour a	fter above specifi	
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 The results were carried out within 1 hour a inspection as well as at the end of the expo 	ifter above specifi isure.	



SC-R 50 X 50 X 5mm FRP Square Hollow Section Light Aging Test – UV Exposure: Grey Scale Score 4



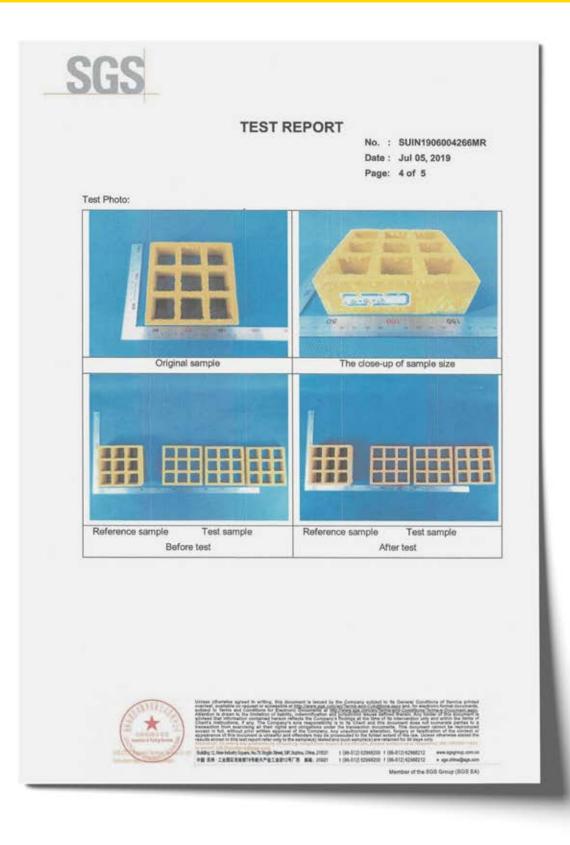


SC-R 38 x 38 x38mm thick FRP Sqaure Mesh Light Aging Test – UV exposure : Grey scale score 3 – 4

TE	ST REPORT	No. : SU Date : Jul	IN1906004266MR
		Page: 3 o	
est Item: Light Ageing Test-UV Exposure			
ample Description: Yellow plastic parts			
est Method: ASTM G154-16 Cycle 1			
est Condition:			
Exposure cycle:			
ASTM G154-16 Cycle 1			
Lamp type: UVA-340			
8h UV at (60±3)°C BPT, (0.89±0.0	02)W/(m²+nm)@340nm		
4h condensation at (50±3)°C BPT	•		
Exposure duration: 400h			
fest Result:			
Test Item	Sample size		Grey scale
Light Ageing Test-UV Exposure	38×38×38		3-4
2. The results were carried out within 1 h	t and scale 1 as the wor our after above specifie	st.	under the D65 the intermediate
	our after above specifie	st.	



SC-R 38 x 38 x38mm thick FRP Sqaure Mesh Light Aging Test – UV exposure : Grey scale score 3 – 4



FRP COMPOSITES FABRICATION SERVICE, PROFILE AND GRATING SALES



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