

PRE-ROOFING INSTALLATION INSPECTION

1. Dimensionally check the metal roof, the most important dimension being the cover width. Typically the cover width of a Trimdek profile in metal is 762mm +/- 4mm whereas the Alsynite GRP sheeting is 760mm +/- 5mm.
2. If the Roofer is installing the GRP sheeting concurrently with the metal roof, and end lapping is necessary, then check the compatibility of the GRP sheeting to the metal sheeting.
3. If the Roofer is leaving a gap in the roof installation to retro fit the GRP sheeting, then dimensionally check the cover width of the gap, to ensure a correct fit.
4. Check that the purlins and girts are in plane and that the purlins are not canting.
5. Check the purlin and/or girt spacings are to the specification for the site and are in relation to the GRP sheeting class and profile to the load span chart.
6. If safety mesh has been installed, ensure that protector strips or an approved protection medium has been installed over the safety mesh at all fixing points.
7. If the GRP sheeting is on site, ensure it is stored under-cover, in a neat stack and off the ground.

Important:: Keep a "data bank record" of the Pre-Roofing Installation attended. Use the accompanying "Pre-Roofing Installation Inspection Report".

POST ROOFING INSTALLATION INSPECTION

Post roofing installation inspections are generally required should a problem arise. It is important to listen very carefully to the said problem, prior to providing any solution. It is important to check the pre-roofing installation record, prior to visiting the project site.

Most "call outs" fall into the following categories.

1. Roof leaking.
2. GRP sheeting cover width too narrow for the roof gap left!
3. Edges of GRP sheeting "waving" causing a gap between the GRP and metal roof sheeting.
4. Physical damage to the GRP sheeting.

We recommend the following list of inspections and checks to be conducted. In most instances this detail will provide sufficient information to resolve and/or recommend a solution to rectify the said problem.

Visually inspect the roof installation and place it into one or more of the above categories - 1 to 4.

POST ROOFING INSTALLATION INSPECTION (Cont'd)

If the inspection reveals that the problem falls into category 4. (i.e. Physical Damage to the GRP Sheeting) then make a judgement as to whether the damage was caused during: - Manufacture, transportation to site or damage on site*. Once determined, take the appropriate cost effective action.

Should the inspection reveal that the problem falls into categories 1, 2 or 3, then the following information, tests and inspections need to be conducted:

- a) Customer Name: _____
- b) Project Location: _____
- c) Profile Used: _____
- d) Sheet Class (Weight): _____
- e) Coating System: _____
- f) GRP Product Colour: _____
- g) Sheet Length: _____
- h) Metal Profile Brand: _____
- i) Metal Profile Cover Dimension: _____
- j) Roof Pitch (°): _____
- k) Date Supplied: _____

	QUESTION	Answer	
		Yes	No
1	Have both sides of the GRP sheet been installed over the top of the metal sheeting?		
2	Has the GRP sheeting been side stitched?		
3	Does the purlin spacing fall within Alsynite's recommendations?		
4	If there are end laps are they a minimum of 200mm?		
5	If there are end laps, do they have a double row of continuous silicone sealant and/or tape?		
6	For low pitched roofs are the main roofing ribs sealed on both sides of the lower ends?		
7	Have the correct number of fixing screws & sealing washers been used for the profile?		
8	Are the fixing screws too tight to allow sufficient expansion relative to the metal roofing?		
9	Upon removing two fixing screws, is the hole diameter on the GRP Sheet elongated?		
10	Does the Alsynite GRP sheeting cover width, fall within a +/- 5.0mm tolerance?		
11	Once the GRP sheeting is fastened, are the fixing screws central within the clearance holes?		
12	Have protector strips been used at all fixing points where safety mesh has been installed?		

Note: Refer to the Handling & Storage / Installation & Maintenance Guide for Fibreglass

Sheeting within this Technical Manual.

*** Damage on Site**

Damage on site can be caused by poor handling and storage. Refer to the "Handling and Storage" section in this Manual.



ALSYNITE

INSTALLATION & MAINTENANCE

Pre Installation Inspection

PRE-ROOFING INSTALLATION INSPECTION REPORT

File Reference: _____ Date: _____

Rofer/Owner/Specifier/Architect/Other:

Contact Name: _____ Position: _____

Address: _____

Tel No: _____ Mobile No: _____ Fax No: _____ E-Mail: _____

Site Location: _____

Site Contact Name: _____

Tel No: _____

Mobile No: _____

GRP Product

Series (weight): _____

Profile: _____

Colour: _____

Manuf. I/D No: _____

Dates Visited Site: _____

Observations/Comments:

Authorised Alsynite Representative/Distributor:

Name: _____

Signature: _____

Date: _____