

Midi Factory Inspection on 18-Nov-2022 - Report No. R01



1. General view of Midi Factory



2. General view of Midi Factory

Action: Storage of Raw materials should be without causing overstress, permanent defection or warping



3_Raw materials are in messy and heavy loading condition

影鋁料唔好擺咁高，影一兩扎擺係地下



4_Raw materials are in messy and heavy loading condition

Action: Storage of Raw materials should be without causing overstress, permanent defection or warping



5_Raw materials are in messy and heavy loading condition

影鋁料唔好擺咁高，影一兩扎擺係地下



6_Raw materials are in messy and heavy loading condition

Midi Factory Inspection on 21-Nov-2022 - Report No. R02

Action: Midi is required to strictly follow the agreement during tender stage for principle design to seal-up end position of Transom and Mullion



1_Mullion and Transom for sliding door



2_Mullion and Transom for sliding door

Action: Midi is required to strictly follow the agreement during tender stage for principle design to seal-up end position of Transom and Mullion



3_ one side of mullion was found consealed

橫料同企料要跟圖組裝，是有避位直碰。要補相



4_Original design from Midi



5_Trial assembly of mullion and transom for sliding door

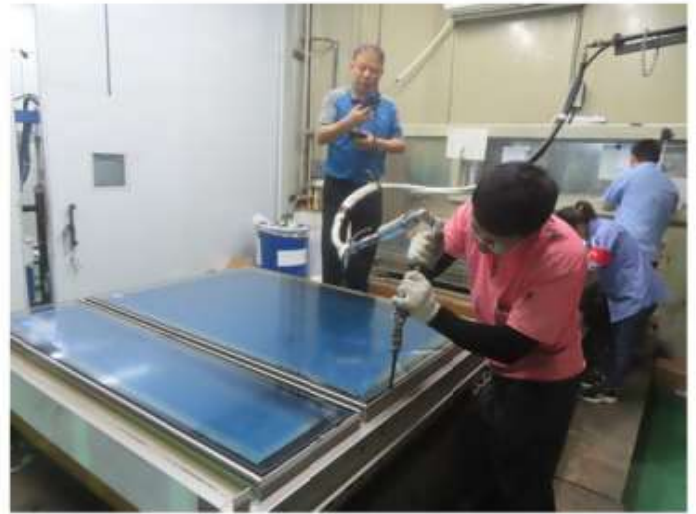


6_General inspection of sealant application at Mullion & Transom interface

Midi Factory Inspection on 21-Nov-2022 - Report No. R02



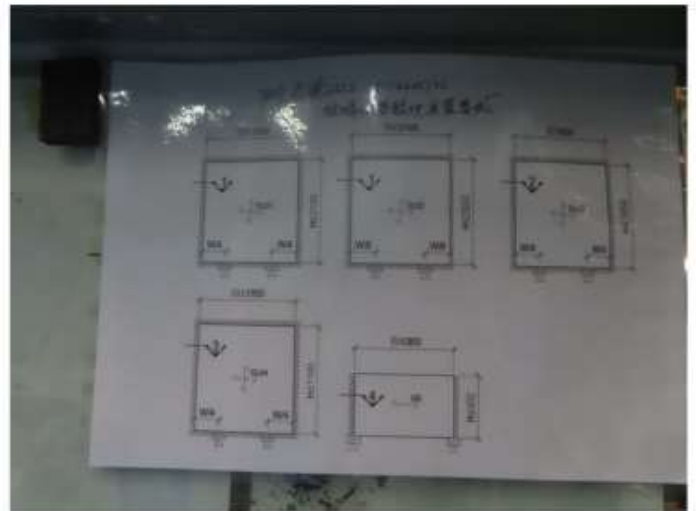
19_Fixing of Glazing



20_Application of Structural sealant

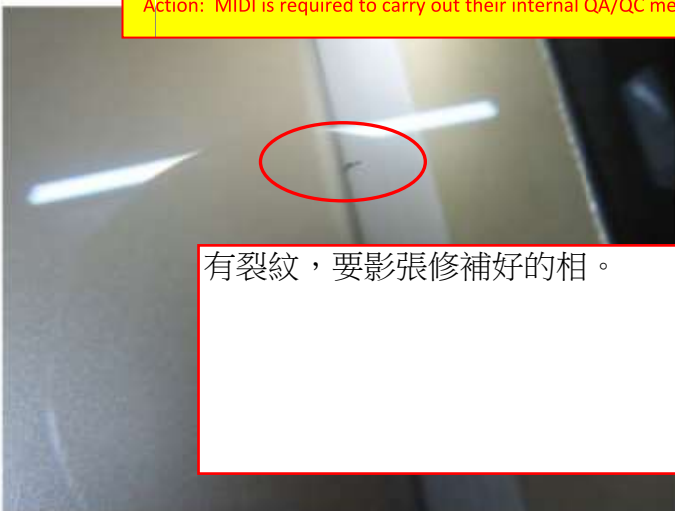


21_Check length and position of setting block



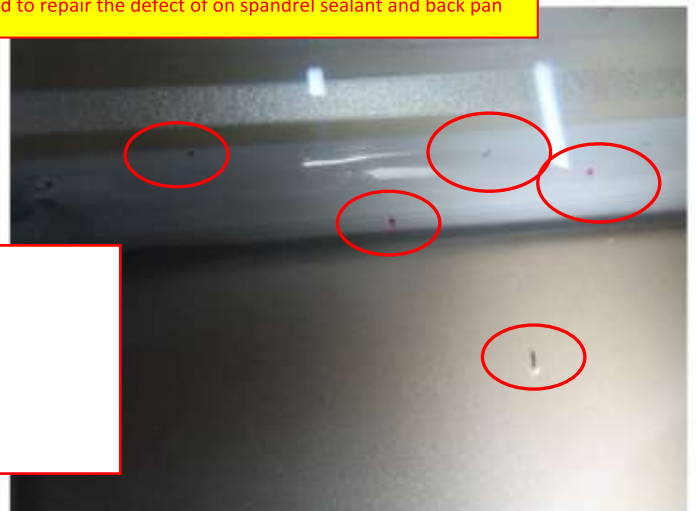
22_Setting block position

Action: MIDI is required to carry out their internal QA/QC method to repair the defect of on spandrel sealant and back pan



有裂紋，要影張修補好的相。

23_Blemish was observed to be existed at spandrel sealant



24_Blemish was observed to be existed at spandrel sealant

Midi Factory Inspection on 25-Nov-2022 - Report No. R03



19_Check hardness of 6063-T5 extrusion



20_Check hardness of 6063-T5 extrusion



23_15F-T1BCW4 AF-25

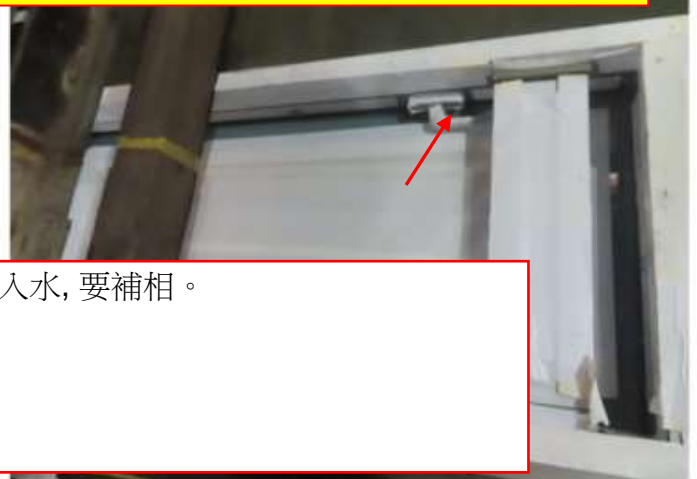


24_15F-T1BCW4 AS-01

Action: MIDI is required to carry out their internal QA/QC method to repair the leakage unitized panel, MIDI needs to improve workmanship for



25_15F-T1BCW4 AS-01 water leakage



26_15F-T1BCW4 AS-01 water leakage

25同 26_15F 單元件入水, 要補相。

Midi Factory Inspection on 30-Nov-2022 - Report No. R04

Action: MIDI is required to carry out their internal QA/QC method to repair the leakage unitized panel, MIDI needs to improve workmanship for



21_9F_T1BCW4_AS0 入水, 執好後影相。

19_Water leakage was found inside spandrel backpan

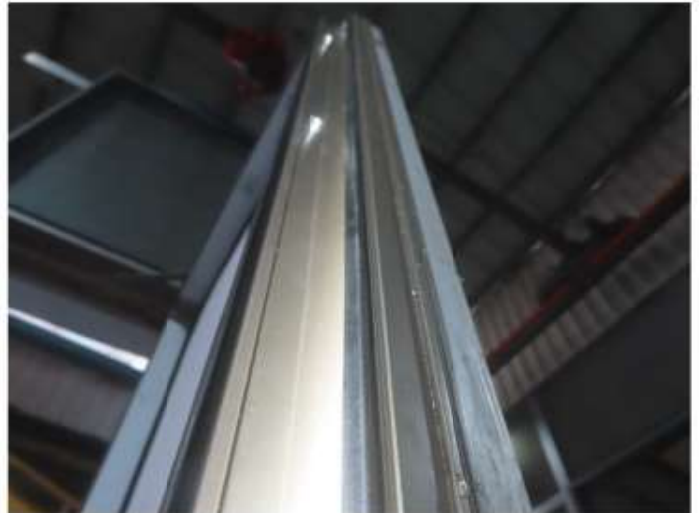


Source of water leakage

20_Damage sealant was found at end position of mullion



21_9F_T1BCW4_AS0_Check operable window



22_9F_T1BCW4_AS0_Check water leakage for operable window



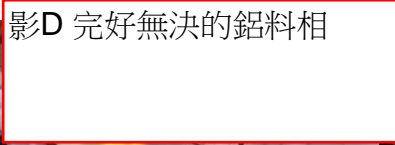

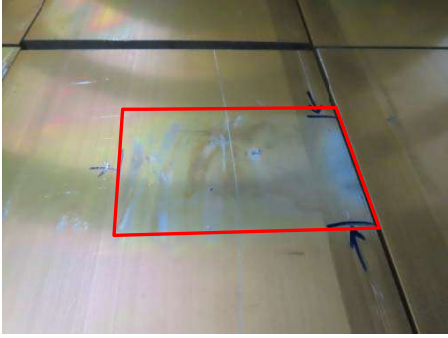

23_Open and close for operable window



24_10F_T1B-CW4_AS07

<p>Photo 9</p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> Temporary storage area may not be sufficient for LP11 facade project</p>	
<p><u>Action:</u> - MIDI is required to ensure storage area are enough and proper storage before peak production period</p>	

<p>Photo 10</p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> General inspection of cutting , drilling and milling process during fabrication</p>	
<p><u>Action:</u> -</p>	

<p>Photo 13</p>		
<p><u>Item:</u> Observation</p>		
<p><u>Description:</u> 12 out of 82 defective chrome plated finishing was found during factory inspection</p>		
<p><u>Action:</u> - MIDI is required to carry out their internal QA/QC method to repair the defective chrome plated finishing and improve workmanship for future works.</p>	 <p data-bbox="1002 824 1417 898">12 out of 82 defective chrome plated finishing was found during inspection</p>	

<p>Photo 14</p>		
<p><u>Item:</u> Observation</p>		
<p><u>Description:</u> General inspection of assemble work for mullion and transom.</p>		
<p><u>Action:</u> -</p>		
<p><u>Action:</u> -</p>		

Photo 15

Item:
Observation

Description:
Dimension check for mullion and transom after assembly work

Action:
-



Photo 16

Item:
Observation

Description:
Improper holes drilling procedure was found during factory inspection

Action:
- MIDI is required to carry out their internal QA/QC method to improve workmanship for future works.

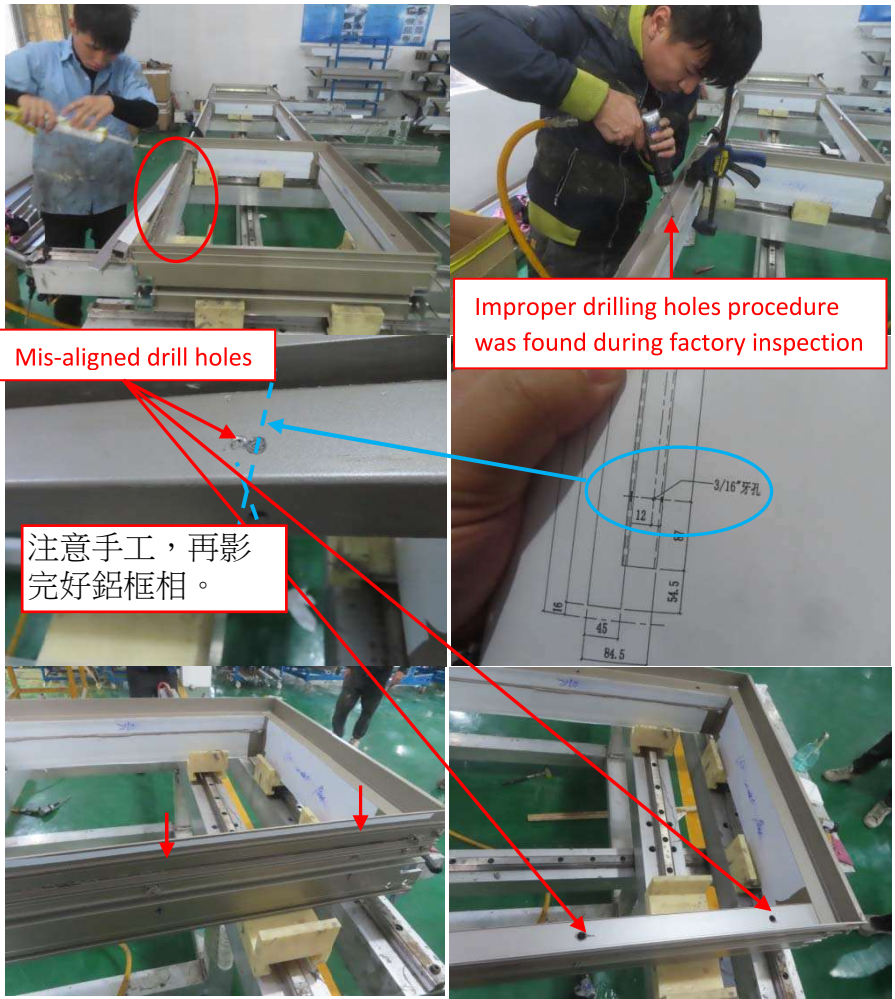


Photo 11

Item:
Observation

Description:
Water leakage was found during flooding test for Panel number 15F-T1A-CW4_AS-10

Action:
- MIDI is required to carry out their internal QA/QC method to improve workmanship for future works

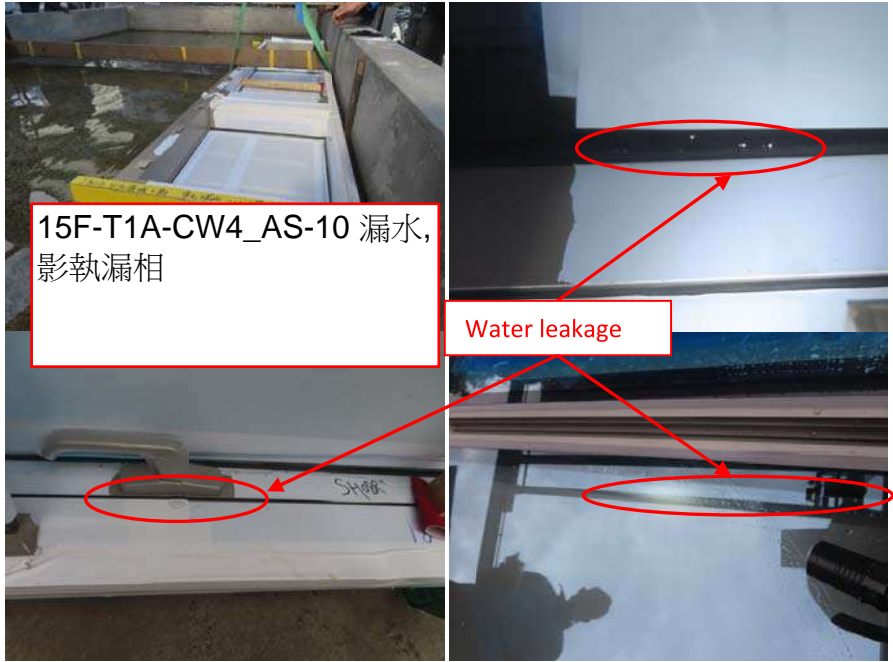


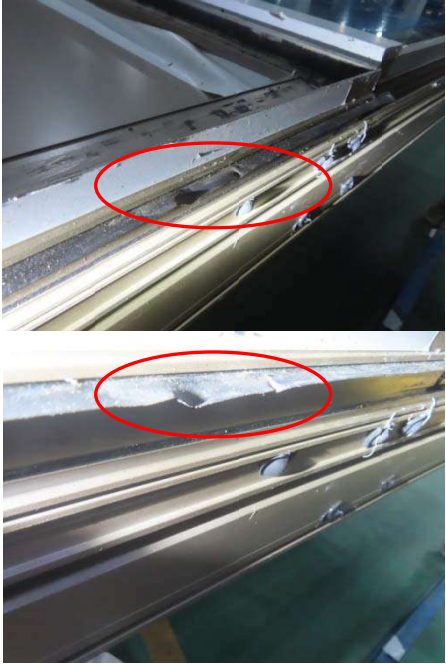
Photo 12

Item:
Observation

Description:
Water leakage was found during flooding test for Panel number 16F-T1A-CW4_AS-10

Action:
- MIDI is required to carry out their internal QA/QC method to improve workmanship for future works



<p>Photo 3</p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> Defective gasket was found during factory inspection for Zone M02</p>	
<p><u>Action:</u> - MIDI is required to replace the defective gasket</p>	

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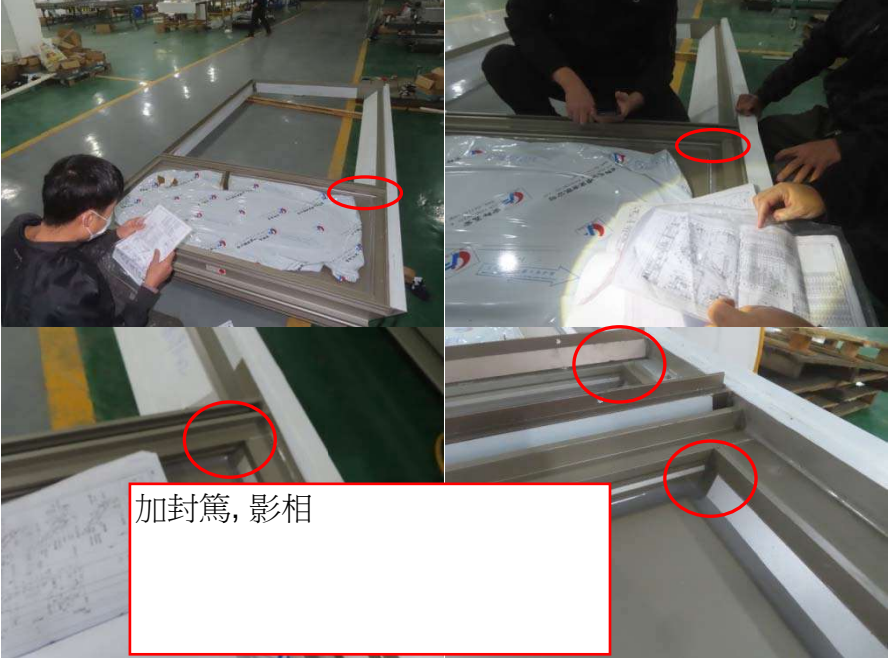
<p>Photo 4</p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> 18 nos. of corner unitized panels for Zone M02 were found missing drain holes at back pan portion</p>	
<p><u>Action:</u> - MIDI is required to carry out remedial works before fixing of glass panels</p>	<div data-bbox="663 1709 1145 1883" style="border: 1px solid red; padding: 5px;"> <p>加封篤, 影相</p> </div>

Photo 11

Item:
Observation

Description:
Water flooding test for Panel number 10F-T1A CW4-AS10

Action:
-



Photo 12

Item:
Observation

Description:
Water leakage was found during flooding test for Panel number 10F-T1ACW4-AM-12

Action:
- MIDI is required to carry out their internal QA/QC method to improve workmanship for future works



Photo 13

Item:
Observation

Description:
Water leakage was found during flooding test for Panel number 16F-T1ACW5-AS-09

Action:
- MIDI is required to carry out their internal QA/QC method to improve workmanship for future works



Photo 14

Item:
Observation

Description:
Water leakage was found during flooding test for Panel number 16F-T1A CW4-AM12

Action:
- MIDI is required to carry out their internal QA/QC method to improve workmanship for future works



Photo 5

Item:
Observation

Description:
Fixing of structural sealant for glazing and aluminum hooks for second log (Zone M02) unitized panels

Action:
-

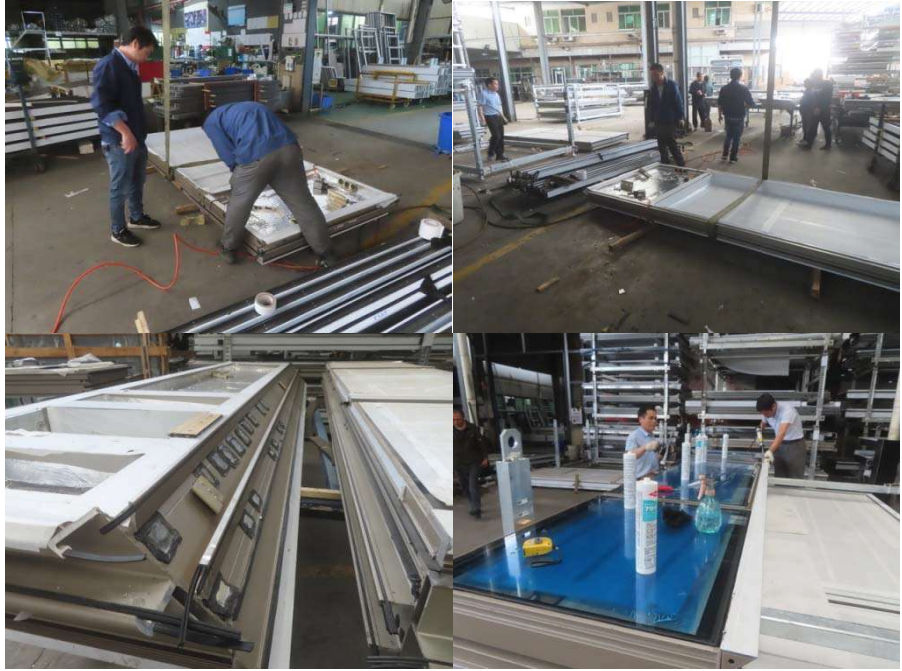
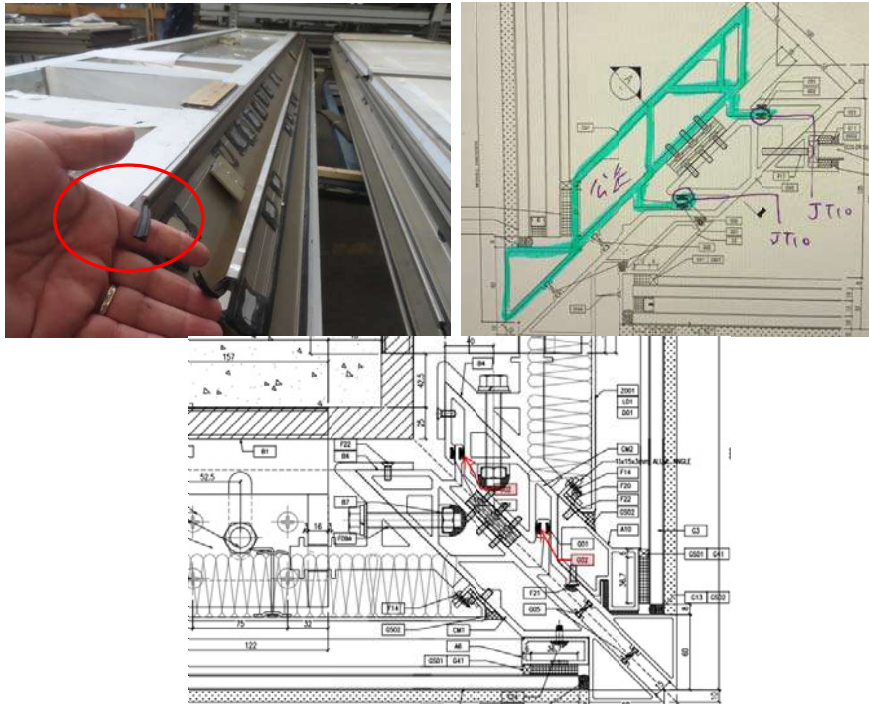


Photo 6

Item:
Observation

Gasket of unitized panels for Zone M01 & 02 were found not match with design drawing

Action:
-MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works



影跟圖款一樣膠條相

Photo 3

Item:
Observation

Description:
Check fixing details and gasket of 2nd log unitized panels

Action:
-

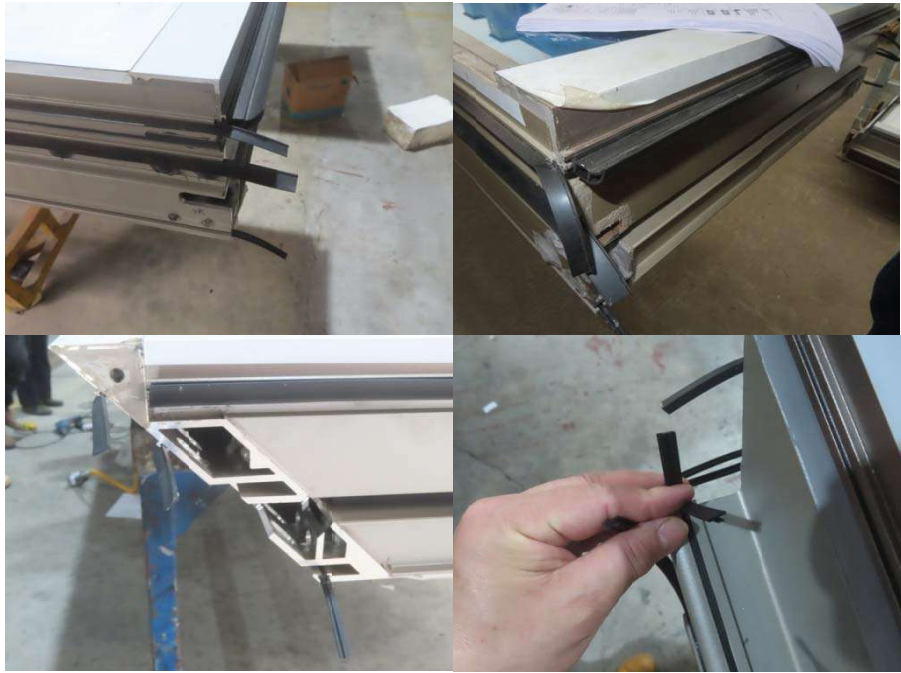


Photo 4

Item:
Observation

Description:
Defective gaskets for 2nd log unitized panels were found during final inspection and packing

Action:
- MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works

影做好保護相



Photo 5

Location:
Observation

Description:
Fit-up assembly of Mullion and Transom for Zone M3 & 4 (3rd log unitized panels)

Action:



Photo 6

Location:
Observation

Description:
Defective chrome plated finishing for gutter sleeve was found during factory inspection

Action:
- MIDI is required to carry out their internal QA/QC method to repair the defective chrome plate finishing and improve workmanship for future works



影幾條完好的鉻化防水片相

Photo 9

Location:
Observation

Description:
Samples for peel adhesion test and butterfly test

Action:



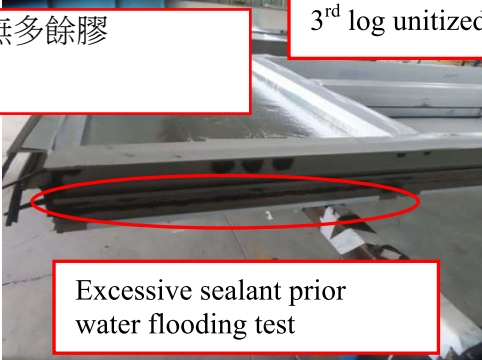
Photo 10

Location:
Observation

影鋁通無多餘膠

3rd log unitized panel

Description:
Defective sealant for 2nd & 3rd log unitized panels were found during final inspection and packing



Excessive sealant prior water flooding test



Excessive sealant May affect site installation

Action:
- MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works

啱好膠, 影相

2nd log unitized panel



Poor workmanship of sealant



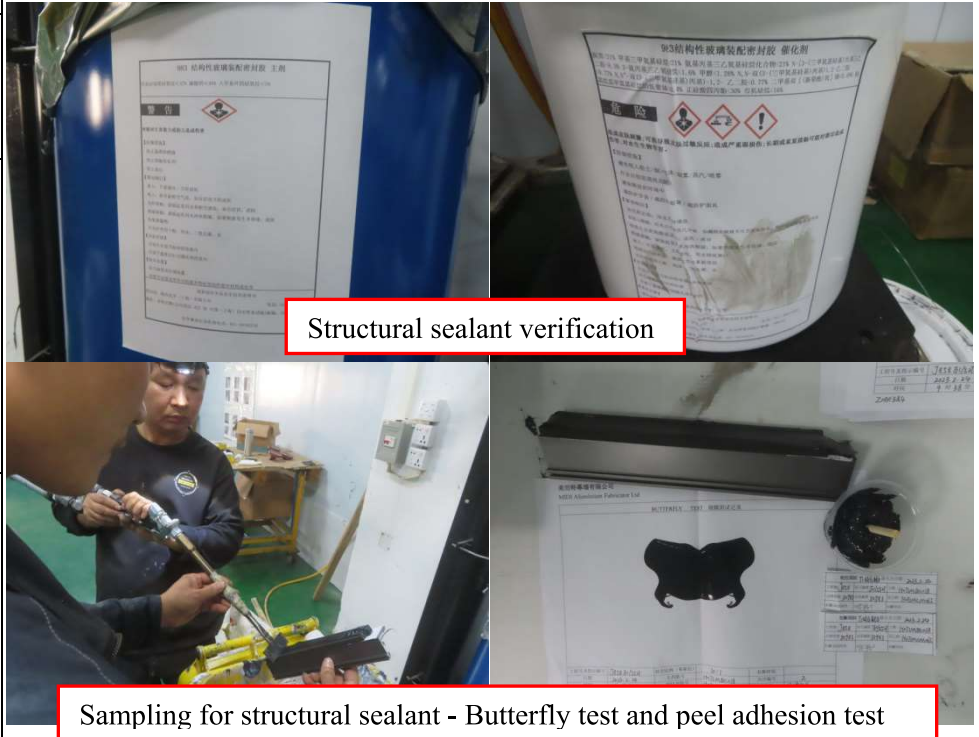
Sealant Missing

Photo 7

Location:
Observation

Description:
Sampling of structural sealant and verification

Action:



Structural sealant verification

Sampling for structural sealant - Butterfly test and peel adhesion test

Photo 8

Location:
Observation

Description:
Application of structural sealant

Action:



Photo 9

Location:
Observation

Description:
Application of Dowsil 791 weather sealant and final protection

Action:



Photo 10

Location:
Observation

Description:
Defective sealant and gasket for 2nd & 3rd log unitized panels were found during final inspection and packing

Action:
- MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works



啱好膠，加膠粒，加膠條，影相

Photo 11

Location:
Observation

Description:
Defective chrome plated finishing for extrusion clip was found during factory inspection

Action:
- MIDI is required to carry out their internal QA/QC method to repair the defective chrome plate finishing and improve workmanship for future works



影銘化鋁碼相

Photo 5

Location:
Observation

Description:
General inspection of transom and mullion for balcony

Action:



Photo 6

Location:
Observation

Description:
Uneven of components was found during factory inspection

Action:
- MIDI is required to improve workmanship for further works



Photo 9

Location:
Observation

Description:
General inspection and dimension checking of glazing prior fit-up assembly and sealant works

Action:



Sealant / primer verification and expiry date checking

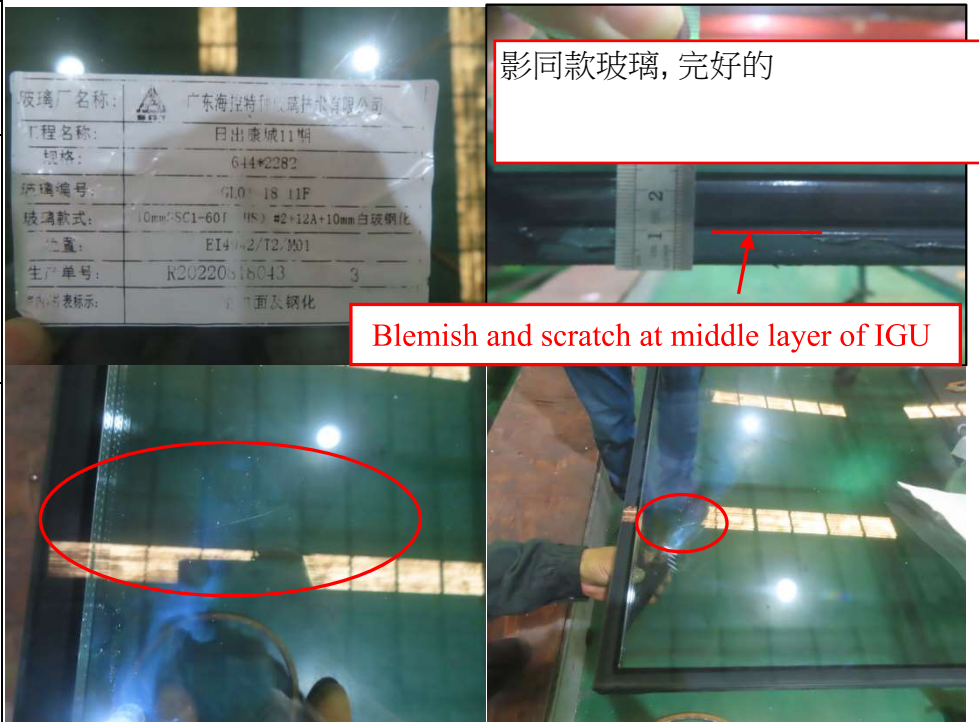
Butterfly test and Snap test for Dowsil 983 structural sealant

Photo 10

Location:
Observation

Description:
Blemish and scratch was found at middle layer of IGU

Action:
- MIDI is required to improve workmanship for further works



影同款玻璃, 完好的

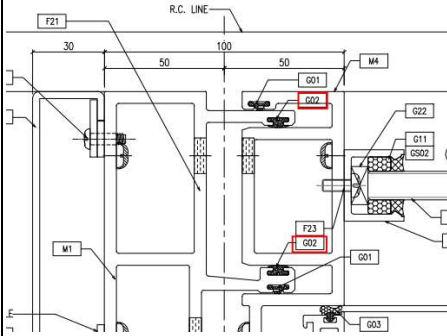
Blemish and scratch at middle layer of IGU

Photo 11

Location:
Observation

Description:
Gasket of 2 numbers of unitized panel were found not match with design drawing during factory inspection

Action:
- MIDI is reminded to carry out the remedial works prior products delivery and to improve workmanship for future works



更換正確的膠條, 影相

G02		WIPER GASKET MATERIAL : EPDM-S DUROMETER : HARDNESS SHORE 65±5 COLOUR : BLACK (FACTORY)
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Photo 12

Location:
Observation

Description:
Defective chrome plated finishing for extrusion clip was found during factory inspection

Action:
- MIDI is required to carry out their internal QA/QC method to repair the defective chrome plate finishing and improve workmanship for future works



用鍍化鋁碼, 影相

Photo 9

Location:
Observation

Description:
General inspection of unitized panels for T2 9-11/F Zone M05 and T3 9-11/F Zone M07

Action:



Photo 10

Location:
Observation

Description:
Excessive sealant and stain was found on unitized panel surface after packing

Action:
- MIDI is required to improve workmanship for further works



影完好框相