

工程指示編號：EI / 3412 / 21

修改版次：-

工程編號：J - 852

工程名稱：亞皆老街中電

工程項目：生產地盤用玻璃事宜 大貨 (公差)

收件人：Maggie

發件人：Ant Yeung

日期：17/05/2021

□要求提供 / □確認 事項：

- |                                    |                                     |                               |
|------------------------------------|-------------------------------------|-------------------------------|
| <input type="checkbox"/> 初步鋁料 B.M. | <input type="checkbox"/> 加工拆圖，然後生產  | <input type="checkbox"/> 尺寸表  |
| <input type="checkbox"/> 正式鋁料 B.M. | <input type="checkbox"/> 技術上資料 / 指示 | <input type="checkbox"/> 報價   |
| <input type="checkbox"/> 配件 B.M.   | <input type="checkbox"/> 樣辦或貨品說明書   | <input type="checkbox"/> 分判合約 |
| <input type="checkbox"/> 其他：_____  |                                     |                               |

內容：

本工程所有地盆用玻璃只接受 負公差生產請在 2021.05.18 前完成上列要求。

附：

以上項目為：

- |                                 |                                      |                                |
|---------------------------------|--------------------------------------|--------------------------------|
| <input type="checkbox"/> 原合約工程包 | <input type="checkbox"/> 原合約工程加 / 減賬 | <input type="checkbox"/> 新工程報價 |
|---------------------------------|--------------------------------------|--------------------------------|

原因：-

分發東莞各部門：

- |                                     |                                    |                                    |   |
|-------------------------------------|------------------------------------|------------------------------------|---|
| <input type="checkbox"/> 生產技術總監口連附件 | <input type="checkbox"/> 技術部 口連附件  | <input type="checkbox"/> 生產部 口連附件  | <input type="checkbox"/> 機械設計部口連附件          |
| <input type="checkbox"/> 採購部 口連附件   | <input type="checkbox"/> 生產統籌部口連附件 | <input type="checkbox"/> 小羅&清 口連附件 |   |
| <input type="checkbox"/> 質檢部 口連附件   | <input type="checkbox"/> 會計部 口連附件  | <input type="checkbox"/> 報關組 口連附件  | <input type="checkbox"/> 其他 <u>楊榮輝</u> 口連附件 |

分發其他分判：

- |  |      |
|--|------|
| <input checked="" type="checkbox"/> 水洪 | 口連附件 |
|--|------|

分發香港各部門：

- |   |                                    |                                  |  |    |
|---|------------------------------------|----------------------------------|--|----|
| <input type="checkbox"/> 行政部口連附件            | <input type="checkbox"/> 會計部口連附件   | <input type="checkbox"/> 統籌部口連附件 | <input type="checkbox"/> 工程部地盤科文口連附件   | 祥哥 |
| <input checked="" type="checkbox"/> 採購部口連附件 | <input type="checkbox"/> QS 部 口連附件 | <input type="checkbox"/> 維修部口連附件 | <input type="checkbox"/> 其他 _____ 口連附件 |    |

傳遞編號：

HK / 21

發件人簽署：

項目經理簽署：

- Where shown on the drawings or required by architect, provide the decorative printed interlayer. The product that may be accepted is SentryGlass Expression™ from Dupont. The pattern shall meet the architect requirements.

**515 FIRE-RATED GLASS**

- Where shown on drawings or required by local regulations, provide non-wired, heat soaked tempered, interlayered fire-resistant glass from Vetrotech Saint-Gobain, Pilkington, or approved equivalent.
- The glass should be UV stable, compliant to Class 1 B1 category of Impact Resistance as per EN 12600 or equivalent.
- The glass should be installed in a tested profile system as evidenced from a reputed International test laboratory as per EN 1634-1 (for doors) / EN 1364-1 (for partitions).
- The test shall include the actual framing system adopted for the project, and shall be for glazed openings of the same size as or larger than the largest fire-rated glazed opening for the project.
- The system shall provide fire resistance in terms of Integrity (E) and Radiant heat protection (W) for 120 minutes. Additionally the system should also provide for Insulation (I) as the case may be from 15 to 30 to 60 to 120 minutes. If no specific indication is provided for the project, than insulation performance shall be assumed to be for EI 120 minutes.
- The glass should conform with ASTM E119, ANSI Z97.1, BS 476 Part 20, EN 1363, EN 1364, NFPA 80, NFPA 251, NFPA 252, NFPA 257, UL 9, UL 10B, UL 10C and UL 263, as well as have CE marking.
- For exterior applications, product shall be incorporated within an insulated glass assembly, with a solar coating where required to achieve the specified thermal performance.

**516 GLASS TOLERANCE AND DEFECT LIMITS**

No.	Description	Requirements
<b>1 Dimension</b>		
1.1	Overall thickness	
	• Less or equal to 6mm	± 0.2mm
	• Greater than 6mm	± 0.3mm
1.2	Dimension tolerance	
	• Less or equal to 2000mm	± 2mm
	• Greater than 2000mm	± 3mm
1.3	Diagonal tolerance / Squareness	
	• Less or equal to 2000mm	± 3mm
	• Greater than 2000mm	± 4mm
<b>2 Heat-Treated Glass</b>		
2.1	Surface Stress	
	• Heat Strengthened	25 – 52MPa
	• Fully Tempered	70 – 90MPa
	• Maximum deviation across a pane	5MPa
2.2	Bow or Warp	
	• Gauge less than 900mm	0.00342 x gauge length
	• Gauge more or equal to 900mm	0.00258 x gauge length
2.3	Roller Wave	0.076mm in any 300mm length of glass, but not more than 0.04mm between adjacent peaks.
<b>3 Laminated Glass</b>		

3.1	Edge Offset	
	• Bearing load edge	0.0mm
	• Other edges	
	○ Less or equal to 6mm	Max 1.5mm
	○ More than 6mm	Max 1.0mm
<b>4</b>	<b>Coating</b>	
5.1	Colour difference	Max 2ΔE Hunter

## **520 SEAL, SEAL ACCESSORIES AND GLAZING ACCESSORIES**

### **A. GENERAL**

- Sealant type and installation method shall be in accordance with manufacturer's recommendations suitable to the location, function, substrates and performance requirements including movement, air infiltration, fire and acoustic requirements.
- Submit complete details, specifications, installation and curing instructions, including manufacturer's certification that the proposed product selections are suitable for the joint types and are compatible with and non-staining, and non-bleeding to adjacent materials.
- All sealants for each joint type in this project shall be the same product and manufacturer. The approved manufacturers are Dow Corning, Momentive or Sika.
- Comply with minimum dimensional requirements for edge clearance, edge cover, front clearance, back clearance, and as required by sealant manufacturer
- Sealant supplier shall carry out a drawings review and confirm in writing that the sealant detailing is acceptable

### **B. COMPATIBILITY**

- All proposed sealants and accessories shall be compatible with substrates, adjacent materials, accessories and other sealants

### **C. SEALANT ACCESSORIES**

- Provide all required accessories recommended by sealant manufacturer, including backing rods, bond-breaker tape and the like.

### **D. STOCKPILING AND IDENTIFICATION**

- The sealant manufacturer shall stockpile sufficient material to ensure continuity of supply and compliance with approved manufacturer's specifications. All sealants shall be "batch numbered".

### **E. QUALITY RECORDS**

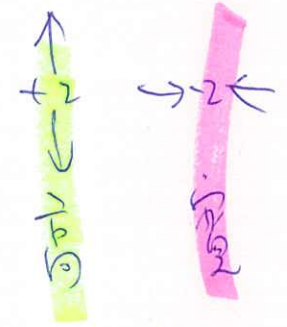
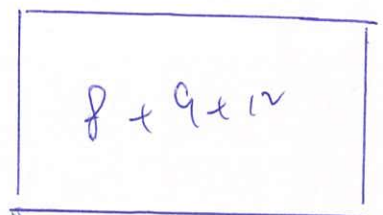
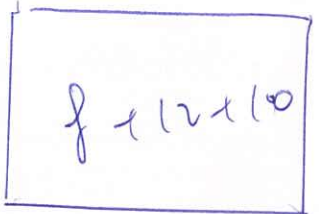
- Submit production and test records for sealants. Indicate test standards and procedures, acceptance criteria and pass/fail rate.

### **F. WARRANTY**

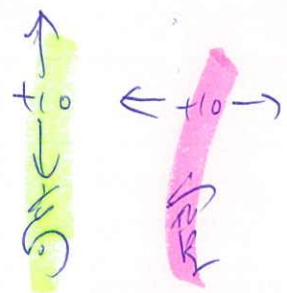
- All sealants shall be warranted for the warranty period for failure of, or due to, the following:
  - Cohesion and adhesion
  - Change in hardness by more than +/- 5 points on the Shore A durometer scale
  - Fade or change in colour by more than 5 ΔE as measured by any spectrometer or colour meter in accordance with ASTM D2244 on an exposed coated surface which has been cleaned of external deposits with clear water and a soft cloth
  - Stain due to corrosion or bleeding of sealant

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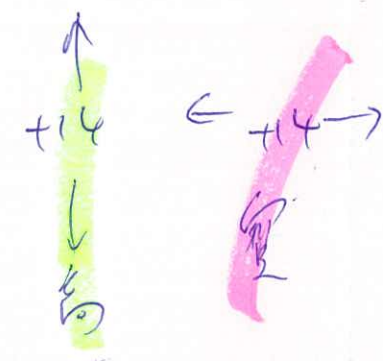
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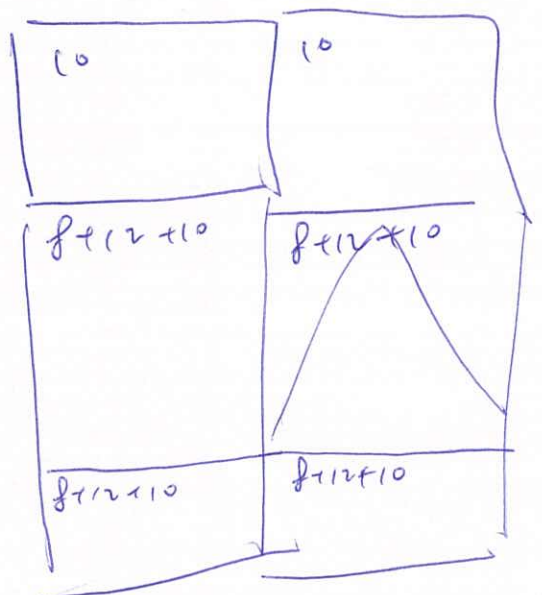
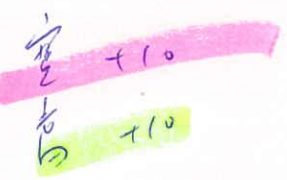
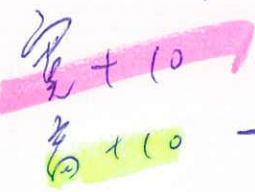
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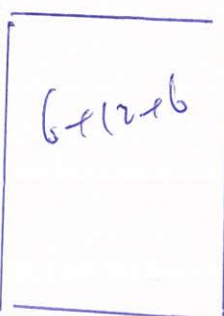


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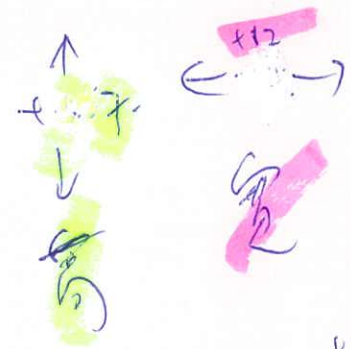
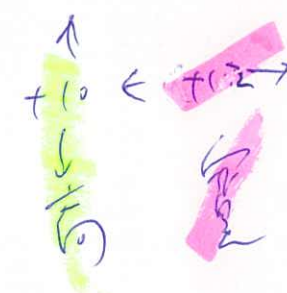
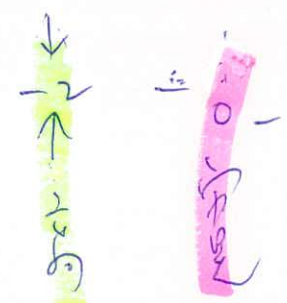
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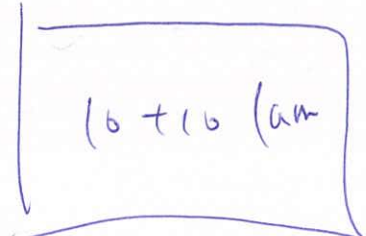
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