



澳門土木工程實驗室

LABORATÓRIO DE ENGENHARIA CIVIL DE MACAU
Civil Engineering Laboratory of Macau

茲證明
EMPRESA
COMPANY

持有證書
Certificado N°
Certificate No.

所列產品
Produto
Product

符合
em conformidade com
in conformity with

廠址
Fábrica
Factory

長江混凝土有限公司
CHEONG KONG BETÃO LIMITADA

P8839 發佈號
Emissão n° 7
Issue n.

有效期 data/date
2022年12月15日
15th December 2022

至 válido até/valid until
2024年12月14日
14th December 2024

預拌混凝土系列 F05 :

- 混凝土強度級別為 B30 至 B45;
- 坍度級別為 S3

本混凝土系列的具體內容須參照本證書之附件。

Ready-mixed Concrete Family F05

- strength class B30 to B45;
- slump class S3

Detailed information regarding this family shall refer to the appendix of this certificate.

預拌混凝土認證細則(文件編號: LECM/RC/05)
Certification Rules for Ready-mixed Concrete (Document no. LECM/RC/05)

澳門路環聯生工業村合歡街 G2 地段
Rua das Albízas, Lote G2 na Ilha de Coloane, Macau.

允許使用澳門土木工程實驗室認證標誌
Tem autorização para utilizar o logotipo de certificação do LECM
Has license to use LECM certification logo

請瀏覽LECM網站確認認證證書的最新狀態。
A actualização do certificado deve ser verificada na página do LECM.
The updated status of the certificate shall be checked in LECM website.



本證書根據澳門政府第56/SATOP/98號批示所授予職權，由澳門土木工程實驗室簽發。
Este certificado é emitido pelo LECM de acordo com o Despacho no. 56/SATOP/98 do Governo de Macau.
This certificate is issued by LECM in accordance with the Dispatch no. 56/SATOP/98 of Macao Government.

澳門土木工程實驗室
Pelo Laboratório de Engenharia Civil de Macau
For and on behalf of the Civil Engineering Laboratory of Macau

董事會主席 Presidente da Direcção
President of the Board of Directors

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LECM undertakes no responsibility for the utilization of the products contained in this certification scheme. This certificate is a property of LECM and shall be returned when required.

預拌混凝土認證證書附件(版本號 A)

Appendix of Ready-mixed Concrete Certificate (Version no. A)

證書編號
Cert. no. **P8839** 發佈號
Issue no. **7**

公司名稱
Company: **長江混凝土有限公司**
CHEONG KONG BETÃO LIMITADA

廠址
Factory address: **澳門路環聯生工業村合歡街 G2 地段**
Rua das Albízas, Lote G2 na Ilha de Coloane, Macau.

證書有效期由
effected since: **2022 年 12 月 15 日** 至 **2024 年 12 月 14 日**
15th December 2022 to **14th December 2024**

預拌混凝土系列 F05 的具體內容

- 所使用東莞華潤水泥廠有限公司生產的硅酸鹽水泥種類一級別 52.5;
- 飛灰最大摻量為水泥量的 35%;
- 粗骨料為花崗岩質碎石, 最大骨料粒徑 20mm, 細骨料為碎石粉;
- 使用緩凝劑及減水劑;
- 來自澳門公共供水系統的水作為拌合水;
- 混凝土強度級別為 B30 至 B45;
- 坍度級別為 S3

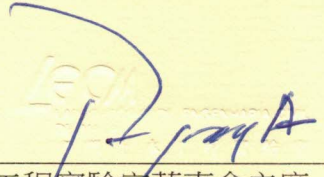
參考混凝土為 B35 強度級別

Detailed information about Ready-mixed Concrete Family F05

- with Portland Cement Type I Class 52.5 manufactured by Dongguan Hua Run Cement Manufactory Co., Ltd;
- PFA maximum content 35% of cement;
- crushed granitic stone with maximum size 20mm as coarse aggregate, crushed stone fine as fine aggregate;
- set retarder and water reducer;
- mixing water from Macao public water supply;
- strength class B30 to B45;
- slump class S3

The reference concrete is strength class B35

發佈於 2022 年 12 月 15 日
Issued on 15th December 2022


澳門土木工程實驗室董事會主席

President of the Board of Directors of the Civil Engineering Laboratory of Macau