

茲證明
EMPRESA
COMPANY

快捷混凝土有限公司
FAST CONCRETE LIMITED

持有證書
Certificado N°
Certificate No.

P8862

發佈號
Emissão n° 4
Issue n.

有效期 data/date

2020年1月25日
25th January 2020

至 válido até/valid until

2022年1月24日
24th January 2022

所列產品
Produto
Product

預拌混凝土系列 F03 :

- 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 F03

- strength class B30 to B45;
- slump class S3

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

符合
em conformidade com
in conformity with

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)

廠址
Fábrica
Factory

路環樟樹街及榕樹街 G5 地段
Rua Arvores do Pagode near Rua das Caforeiras Lote G5, Coloane

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.



P8862

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

澳門土木工程實驗室不會對在本檢定計劃下的產品之使用負上任何責任。本證書為澳門土木工程實驗室所擁有，當本實驗室有要求收回時應當發還。

Não pode ser imputada ao LECM qualquer responsabilidade pela utilização dos produtos abrangidos por este esquema de certificação. Este certificado é propriedade do LECM e deve ser devolvido sempre que solicitado.

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.	P8862	發佈號 Issue no.	4
公司名稱 Company:	快捷混凝土有限公司 FAST CONCRETE LIMITED		
廠址 Factory address:	路環樟樹街及榕樹街 G5 地段 Rua Arvores do Pagode near Rua das Caforeiras Lote G5, Coloane		
證書有效期由 effected since :	2020 年 1 月 25 日 25th January 2020	至 to	2022 年 1 月 24 日 24th January 2022

預拌混凝土系列 **F03** 的具體內容

- 所使用澳門水泥有限公司生產的硅酸鹽水泥種類一級別 52.5;
- 礦渣粉最大摻量為水泥量的 55%;
- 粗骨料為花崗岩質碎石, 最大骨料粒徑 20mm, 細骨料為石粉;
- 使用緩凝減水劑及高效減水劑;
- 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

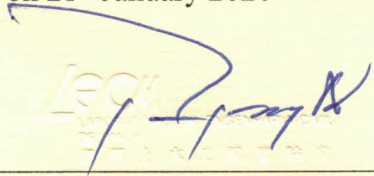
參考混凝土為 B40 強度級別

Detailed information about Ready-mixed Concrete Family F03

- with Portland Cement Type I 52.5 manufactured by Macau Cement Manufacturing Co., Ltd.;
- GGBS maximum content 55% of cement;
- crushed granitic stone with maximum size 20mm as coarse aggregate, granitic crushed stone fine as fine aggregate;
- set retarding water reducer and super plasticizer as admixture;
- mixing water from Macao public water supply;
- strength class B30 to B45;
- slump class S3

The reference concrete is strength class B40

發佈於 2020 年 1 月 21 日
Issued on 21st January 2020



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