

茲證明
EMPRESA
COMPANY

持有證書
Certificado N.º
Certificate No.

所列產品
Produto
Product

符合
em conformidade com
in conformity with

廠址
Fábrica
Factory

快捷混凝土有限公司
FAST CONCRETE LIMITED

P8889 發佈號
Emissão n.º 4
Issue n.

有效期 data/date
2024年11月18日
18th November 2024

至 válido até/valid until
2026年11月17日
17th November 2026

預拌混凝土系列 F08 :

- 混凝土強度級別為 B25 至 B50;
- 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 F08

- strength class B25 to B50;
- 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)

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

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A actualização do certificado deve ser verificada na página do LECM.
The updated status of the certificate shall be checked in LECM website.



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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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證書
CERTIFICATE
www.lecm.org.mo

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. **P8889** 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: **2024 年 11 月 18 日** 至 **2026 年 11 月 17 日**
18th November 2024 to **17th November 2026**

預拌混凝土系列 F08 的具體內容

- 所使用 Tokuyama Corporation Tokuyama Factory - Nanyo Plant 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 50%;
- 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 B25 至 B50;
- 坍度級別為 S3

參考混凝土為 B40 強度級別

Detailed information about Ready-mixed Concrete Family F08

- with Portland Cement Type I 52.5 manufactured by Tokuyama Corporation Tokuyama Factory – Nanyo Plant.;
- GGBS maximum content 50% of cement;
- crushed granitic stone with maximum size 20mm as coarse aggregate, granitic crushed stone fine as fine aggregate;
- Super plasticizer as admixture;
- mixing water from Macao public water supply;
- strength class B25 to B50;
- slump class S3

The reference concrete is strength class B40

發佈於 2024 年 11 月 19 日

Issued on 19th November 2024

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