



澳門土木工程實驗室

LABORATÓRIO DE ENGENHARIA CIVIL DE MACAU
Civil Engineering Laboratory of Macau

證書

CERTIFICATE

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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

快捷混凝土有限公司
FAST CONCRETE LIMITED

發佈號
Emissão n° 4
Issue n.

有效期 data/date
2026 年 3 月 30 日
30th March 2026

至 válido até/valid until
2028 年 3 月 29 日
29th March 2028

預拌混凝土系列 F10 :

- 混凝土強度級別為 B25 至 B40;
- 坍度級別為 S2

本混凝土系列的具體內容須參照本證書之附件。

Ready-mixed Concrete Family F10

- strength class B25 to B40;
- slump class S2

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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P8902

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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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LECM Mod.218 - 2024, 000532

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 **P8902** 發佈號 **4**
Cert. no. Issue no.

公司名稱 **快捷混凝土有限公司**
Company: **FAST CONCRETE LIMITED**

廠址 **路環樟樹街及榕樹街 G5 地段**
Factory address: **Rua Arvores do Pagode near Rua das Caofoeiras Lote G5, Coloane**

證書有效期由 **2026 年 3 月 30 日** 至 **2028 年 3 月 29 日**
effected since: **30th March 2026** to **29th March 2028**

預拌混凝土系列 F10 的具體內容

- 水泥：廣東清新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 50%，級別 S95，產地：廣東韶關；
- 粗骨料：花崗岩質碎石，最大骨料粒徑 20mm，產地：廣東新會；
- 細骨料：花崗岩質碎石粉，產地：廣東新會；
- 減水劑：緩凝減水劑，由西卡(香港)公司生產；
- 拌合水：澳門公共供水系統的自來水；
- 混凝土強度級別：B25 至 B40；
- 坍度級別：S2

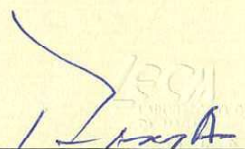
參考混凝土為 B40 強度級別

Detailed information about Ready-mixed Concrete Family F10

- Cement: Portland Cement Type I 52.5 manufactured by Guangdong Qingxin Cement Company Limited.;
- GGBS: maximum content 50% of cement, grade S95, source: Shaoguan, Guangdong;
- Coarse aggregate: crushed granitic stone with maximum size 20mm, source: Xinhui, Guangdong;
- Fine aggregate: granitic crushed stone fine, source: Xinhui, Guangdong;
- Admixture: Set-retarding water reducer, manufactured by Sika (Hong Kong) Ltd.;
- Mixing water: Macao public water supply;
- Strength class: B25 to B40;
- Slump class: S2

The reference concrete is strength class B40

發佈於 2026 年 3 月 24 日

Issued on 24th March 2026
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