

茲證明
EMPRESA
COMPANY

澳門混凝土有限公司
Macau Concrete Co., Ltd.

持有證書
Certificado N°
Certificate No.

P8933 發佈號
Emissão n° 2
Issue n.

有效期 data/date
2026年7月7日
7th July 2026

至 válido até/valid until
2028年7月6日
6th July 2028

所列產品
Produto
Product

預拌混凝土系列 F11 :

- 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 F11

- 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

澳門路環九澳聖母馬路 Estrada de Nossa Senhora de Ka-Ho, S/N, Ka Ho, 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.
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A atualização do certificado deve ser verificada na página do LECM, ou fazer a leitura do código QR.
The updated status of the certificate shall be checked in LECM website or scanning the QR code.



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 Direção
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 **P8933** 發佈號 **2**
Cert. no. Issue no.
公司名稱 **澳門混凝土有限公司**
Company: **Macau Concrete Co., Ltd.**
廠址 **澳門路環九澳聖母馬路 Estrada de Nossa Senhora de Ka-Ho, S/N, Ka Ho, Coloane,**
Factory address: **Macau**
證書有效期由 **2026 年 07 月 07 日** 至 **2028 年 07 月 06 日**
effected since : **7th July 2026** to **6th July 2028**

預拌混凝土系列 F11 的具體內容

- 水泥：澳門水泥廠有限公司生產的硅酸鹽水泥種類二/V 級別 42.5;
- 粗骨料：花崗岩質碎石,最大骨料粒徑 20mm,產地：新會順發石礦場;
- 細骨料：花崗岩質碎石粉;產地：新會順發石礦場;
- 減水劑：使用高效減水劑;由江門市蓬江區強力建材有限公司生產;
- 拌合水：澳門公共供水系統的自來水;
- 混凝土強度級別為 B30 至 B45;
- 坍度級別為 S3;

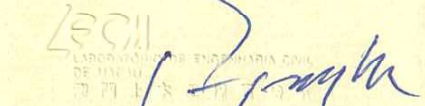
參考混凝土為 B45 強度級別

Detailed information about Ready-mixed Concrete Family F11

- Cement: Portland Cement Type II/V 42.5 manufactured by Macau Cement Manufacturing Co., Ltd.;
- Coarse aggregate: crushed granitic stone with maximum size 20mm, source: Xinhui Shunfa Stone Quarry;
- Fine aggregate: crushed granitic stone fine, source: Xinhui Shunfa Stone Quarry;
- Admixture: superplasticizer, manufactured by QiangLi Construction Materials Co.,Ltd.
- Mixing water: Macao public water supply;
- strength class B30 to B45;
- slump class S3;

The reference concrete is strength class B45

發佈於 2026 年 7 月 9 日
Issued on 9th July 2026


LECM
LABORATÓRIO DE ENGENHARIA CIVIL
DE MACAU
澳門土木工程實驗室

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