

茲證明
EMPRESA
COMPANY

廣州萬友砦結構構件有限公司
GUANGZHOU WANYOU CONCRETE STRUCTURE CO., LTD

持有證書
Certificado N°
Certificate No.

P8926 發佈號 1
Emissão n°
Issue n.

有效期 data/date
2025年2月25日
25th February 2025

至 válido até/valid until
2025年8月24日
24th August 2025

所列產品
Produto
Product

預拌混凝土系列 F02 :

- 混凝土強度級別為 B45;
- 坍度級別為 S4

本混凝土系列的具體內容須參照本證書之附件。

Ready-mixed Concrete Family F02

- strength class B45;
- slump class S4

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

廣東省廣州市番禺區石樓鎮清流村天六工業路 11 號
No. 11, Tian Liu Gongye Road, Qingliu Village, Shilou Town, Panyu District,
Guangzhou City, Guangdong Province

允許使用澳門土木工程實驗室認證標誌。

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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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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.	P8926	發佈號 Issue no.	1
公司名稱 Company:	廣州萬友砦結構構件有限公司 GUANGZHOU WANYOU CONCRETE STRUCTURE CO., LTD		
廠址 Factory address:	廣東省廣州市番禺區石樓鎮清流村天六工業路 11 號 No. 11, Tian Liu Gongye Road, Qingliu Village, Shilou Town, Panyu District, Guangzhou City, Guangdong Province		
證書有效期由 effected since :	2025 年 2 月 25 日 25th February 2025	至 to	2025 年 8 月 24 日 24th August 2025

預拌混凝土系列 F02 的具體內容

- 所使用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;
- 粉煤灰最大摻量為水泥量的 11%;
- 礦渣粉最大摻量為水泥量的 15%;
- 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;
- 來自廣州番禺公共供水系統的水作為拌合水;
- 混凝土強度級別為 B45;
- 坍度級別為 S4

參考混凝土為 B45 強度級別

Detailed information about Ready-mixed Concrete Family F02

- with Portland Cement Type I 52.5 manufactured by Guangdong Qingxin Cement Company Limited;
- PFA maximum content of 11% cement;
- GGBS maximum content of 15% cement;
- crushed granitic stone with maximum size 20mm as coarse aggregate, crushed stone fine as fine aggregate;
- superplasticizer as admixture;
- mixing water from Guangzhou Panyu public water supply;
- strength class B45;
- slump class S4

The reference concrete is strength class B45

發佈於 2025 年 2 月 25 日

Issued on 25th February 2025

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