



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

廣東新奔達建材實業有限公司
Guangdong New Benda Building Materials Industrial Co., Ltd

P8932 發佈號
Emissão n° 3
Issue n.

有效期 data/date
2026年9月3日
3rd September 2026

至 válido até/valid until
2028年9月2日
2nd September 2028

預拌混凝土系列 F03 :
● 混凝土強度級別為 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 F03
● strength class 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)

廣東省惠州市博羅縣龍華鎮柳村
Liucun, Longhua town, Boluo county, Huizhou city, Guangdong province

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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.



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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.	P8932	發佈號 Issue no.	3	
公司名稱 Company:	廣東新奔達建材實業有限公司 Guangdong New Benda Building Materials Industrial Co., Ltd			
廠址 Factory address:	廣東省惠州市博羅縣龍華鎮柳村 Liucun, Longhua town, Boluo county, Huizhou city, Guangdong province			
證書有效期由 effected since :	2026 年 9 月 3 日 3 rd September 2026	至 to	2028 年 9 月 2 日 2 nd September 2028	

預拌混凝土系列 F03 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 15%，級別 S95，由營口魯峰建材有限公司生產；
- 粗骨料：花崗岩質碎石，最大骨料粒徑 25mm，產地：惠州順安礦業發展有限公司
- 細骨料：花崗岩質碎石粉，產地：惠州順安礦業發展有限公司；
- 減水劑：高效減水劑，由廣東科隆智穀新材料股份有限公司；
- 拌合水：惠州公共供水系統的自來水；
- 混凝土強度級別為 B50;
- 坍度級別為 S3

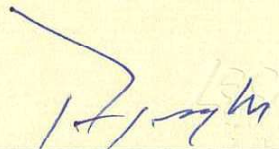
參考混凝土為 B50 強度級別

Detailed information about Ready-mixed Concrete Family F03

- Cement: Portland Cement Type I 52.5 manufactured by Guangdong Qingxin Cement Company Limited;
- GGBS: maximum content 15% of cement, grade S95, manufactured by: Yingkou Lufeng Building Materials Co., Ltd.;
- Coarse aggregate: crushed granitic stone with maximum size 25mm, source: Huizhou Shunan Mining Development Co., Ltd.;
- Fine aggregate: granitic crushed stone fine, source: Huizhou Shunan Mining Development Co., Ltd.;
- Admixture: superplasticizer, manufactured by Guangdong Kelong Zhigu New Material Co., Ltd.;
- Mixing water: Huizhou public water supply;
- Strength class B50;
- Slump class S3

The reference concrete is strength class B50

發佈於 2026 年 8 月 27 日
Issued on 27th August 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