

茲證明  
EMPRESA  
COMPANY

南方標準混凝土有限公司  
Nam Fong Standard Concrete Limited

持有證書  
Certificado N°  
Certificate No.

發佈號  
Emissão n° 1  
Issue n.

有效期 data/date  
2026年3月4日  
4<sup>th</sup> March 2026

至 válido até/valid until  
2026年9月3日  
3<sup>rd</sup> September 2026

所列產品  
Produto  
Product

預拌混凝土系列 F03 :

- 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 F03

- 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

澳門路環石排灣填海區工業區樟樹街 G8 地段  
Rua Arvores do Pagode near Rua das Caforeiras Lote G8, Coloane

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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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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 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. **P8935** 發佈號  
Issue no. **1**

公司名稱  
Company: **南方標準混凝土有限公司**  
**Nam Fong Standard Concrete Limited**

廠址  
Factory address: **澳門路環石排灣填海區工業區樟樹街 G8 地段**  
**Rua Arvores do Pagode near Rua das Caforeiras Lote G8, Coloane**

證書有效期由  
effected since: **2026 年 3 月 4 日** 至  
**4<sup>th</sup> March 2026** to **2026 年 9 月 3 日**  
**3<sup>rd</sup> September 2026**

#### 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 I 級別 52.5;
- 礦渣粉：最大摻量為水泥量的 36%，級別 S75，產地：廣東珠海;
- 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：高效減水劑，由西卡(香港)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：B30 至 B45;
- 坍度級別：為 S3

參考混凝土為 B30 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 36% of cement, grade S75, source: Zhuhai, Guangdong;
- Coarse aggregate: crushed granitic stone with maximum size 20mm, source: Xinhui, Guangdong;
- Fine aggregate: granitic crushed stone fine, source: Xinhui, Guangdong;
- Admixture: Superplasticizer, manufactured by Sika (Hong Kong) Ltd.;
- Mixing water: Macao public water supply;
- Strength class: B30 to B45;
- slump class: S3

The reference concrete is strength class B30

發佈於 2026 年 3 月 3 日

Issued on 3<sup>rd</sup> 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