

CONCRETE DESIGN CERTIFICATE

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|---|--------------------------|---|------------|
| Mix Design Certificate Dated | 1006937308 09.07.2024 | Quotation Number Your Ref. | 1006937271 |
| To: FRANKI FOUNDATIONS UK LTD UNIT 2,SHARLANDS INDUSTRIAL ESTATE SHARLANDS ROAD FAREHAM, HAMPSHIRE PO14 1RD | | Site: 100 GRAYS INN ROAD WC1X 8AL CLERKENWELL LONDON WC1X 8LA | |
| Our Representative: Miss Millie Field | | | |

Tarmac Trading Limited
London Readymix Office
Knights Road
Silvertown
London
E16 2AT
Tel 0207 5851115
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| Specification | Our Ref.: |
|--|----------------|
| Plant | Kings Cross |
| Concrete Grade | C30/37 |
| Cement Type | CIIIA+SR 42,5L |
| Maximum Aggregate Size (mm) | 20 |
| Target Slump (mm) | S4. |
| Minimum Cement Content | 320 |
| Max Water / Cement Ratio | 0.55 |
| Chloride Class | 0.40 |
| Maximum Alkali Content | 3.50 |
| Exposure Class | DC-2 |
| Brand | CONCRETE |
| Mix Design: Materials & Mix Proportions: kg/m ³ at SSD unless otherwise specified | |
| CEM I 52,5N Irish Cement, Platin | 160 |
| GGBS Cementos Tudela Veguin, Spain | 160 |
| 4/10mm Limestone (EN 12620) Heidelberg, Whatley | 194 |
| 10/20mm Limestone (EN 12620) Heidelberg, Whatley | 775 |
| 0/4mm Sand MP (EN 12620) Tarmac, Greenwich | 930 |
| Chryso Omega 178R Chryso UK, Daventry | 2.89 |
| MasterSet R 510 Master Builders Solutions UK | 0.48 |
| Water | 164 |
| Aggregate/ Cement Ratio | 5.93 |
| Water/ Cement Ratio | 0.51 |
| Percentage Fines | 48.97 |
| Actual Chloride Content | 0.16 |
| Actual Alkali Content | 1.18 |
| Please Note: | |
| HEALTH & SAFETY There is a real danger of contact dermatitis or serious burns if skin comes into contact with wet cement mixes such as fresh concrete, mortar or screed. Wear suitable protective clothing and eye protection. Where skin contact occurs either directly or through saturated clothing wash immediately with soap and water. For eye contact, immediately wash out the eyes thoroughly with clean water. If swallowed wash out mouth and drink plenty of water. | |

For and on behalf of
Tarmac Trading Limited

Technical Services Department

Tarmac Trading Limited
Registered in England and Wales No. 453791
Registered Office: Ground Floor, T3 Trinity Park,
Bickenhill Lane, Birmingham, B37 7ES

This design is relevant to the above quotation of which it is a part thereof and subject to our Standard Conditions of Sale
This certificate is for illustrative purposes only, the materials and mix design(s) are those in current production, these may be changed and/or modified when material properties vary or supply sources change.

