



BRE Global Ireland

Notified Body No. 2831
BRE Global Assurance (Ireland) Limited
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Certificate of constancy of performance 2831-CPR-C0003

In compliance with Regulation (EU) No. 305/2011 of the European Parliament and of the Council of 9th March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s).

XF & XU Post tensioning kit
Post tensioning kit in accordance with the requirements of European Assessment Document 160004-00-0301

(For full product details and conditions of use refer to appendix)

Placed on the market under the name or trademark of: and produced in the manufacturing plant(s):

CCL Stressing International Ltd
Unit 8, Millennium Drive
Leeds
LS11 5BP
United Kingdom

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s)

EAD 160004-00-0301 September 2016
ETA 10/0107 V2 dated 16/12/2021

under system 1+ for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure

the constancy of performance of the construction product.

This certificate was first issued on 14 December 2020 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

David Gall

David Gall, Certification Engineer

On behalf of BRE Global Assurance (Ireland) Limited

Date of First Issue: 14 December 2020

Issue Date: 21 September 2023

Issue Number: 02

To check the validity of this certificate, please contact us on +353 (0) 18824344 or email enquiries@breglobalireland.ie

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APPENDIX to Certificate of constancy of performance: 2831-CPR-C0003

XF & XU Post tensioning kit

Post tensioning kit in accordance with the requirements of European Assessment Document 160004-00-0301

CCL 'XF' Multistrand Bonded Flat Slab Post-Tensioning System

CCL 'XU' Monostrand Unbonded Post-Tensioning System

Table 1 CCL 'XF' Anchorages for 13mm Systems

| Anchorage | No. of Strands | Strand Ø |
|------------|----------------|----------------|
| XF-10-3-13 | 3 | 12.5/12.9/13.0 |
| XF-20-5-13 | 5 | 12.5/12.9/13.0 |
| XF-30-6-13 | 6 | 12.5/12.9/13.0 |

Table 2 CCL 'XF' Anchorages for 15mm Systems

| Anchorage | No. of Strands | Strand Ø |
|------------|----------------|----------------|
| XF-10-2-15 | 2 | 15.2/15.3/15.7 |
| XF-20-4-15 | 4 | 15.2/15.3/15.7 |
| XF-30-5-15 | 5 | 15.2/15.3/15.7 |

Table 3 CCL 'XU' Anchorages

| Anchorage | No. of Strands | Strand Ø |
|-----------|----------------|----------------|
| XU-13 | 1 | 12.5/12.9/13.0 |
| XU-15 | 1 | 15.2/15.3/15.7 |

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