



# DECLARATION OF PERFORMANCE

## Certificate No. CCL-XF&XU-1244-CPD-1019

- Unique identification code of the product-type:** CCL 'XF' & 'XU' Multistrand and Monostrand Bonded/Unbonded Post-Tensioning Systems.
- Intended use or uses:** Post-tensioning kits for prestressing of structures with strands.

Basic categories of use:  
 XF: Internal bonded tendon  
 XU: Internal unbonded tendon

Optional categories of use:  
 XF: Internal bonded tendon with plastic duct  
 XF: Encapsulated tendon

- Manufacturer:** CCL Stressing Systems Ltd, Unit 8, Millennium Drive, Leeds, LS11 5BP, United Kingdom
- System of AVCP:** System 1+
- European Assessment Document:** ETAG 013 Edition June 2002 (Used as EAD)

**European Technical Assessment:** ETA 10/0107

**Technical Assessment Body:** Centre d'études et d'expertise sur les risques, l'environnement, la mobilité et l'aménagement (Cerema)

**Notified Bodies:** UK Cares, 21 Pembroke Road, Sevenoaks, Kent, TN13 1XR, United Kingdom

**CPD Certificate Number:** 1244-CPD-1019

### 6. Declared Performance

Essential Characteristics	Performance Data	Technical Specification
Anchorage components	See 1.2.2 and annex 02-21	ETA-10/0107
Strand characteristics	See 1.2.3.3, table 05 and annex 01	
Prestressing forces	See 1.2.3.4 and table 06-11	
Friction losses and anchorage wedge set	See 1.2.5 and 1.2.6	
Mechanical resistance and stability	See 3	

- The performance of the product identified in point 1 is in conformity with the declared performance in point 6. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

**Signed for and on behalf of the manufacturer by:**

**Peter Vincent (Senior Design Engineer)**

**Edward Birkhead (Production Director)**

**Leeds 28/03/2018**