




Declaration of Performance (DoP)  
WCP 15258  
Precast Concrete Retaining Wall Elements



| DECLARATION OF PERFORMANCE                         |  | NR: DOP Ret Walls             |
|--|--|-------------------------------|
| Registered Trade Name                              | <i>Wright Concrete Products</i>  |                               |
| Place of Manufacture                               | <i>Aclint Bridge, Carrickmacross, Co. Monaghan</i>   |                               |
| Product Type                                       | <i>Precast Concrete Retaining Wall Elements<br/>(for housing, commercial, agriculture and civil works)</i> |                               |
| Identification Of Product Type                     | Precast Concrete Retaining Walls   |                               |
| Type, batch or series number                       | <i>See article number of the product</i>   |                               |
| System of AVCP                                     | <i>System 2+</i>   |                               |
| Notified Certification Body                        | Dancert A/S<br>Gregersensvej 1<br>DK-2630 Taastrup   |                               |
| Notified Body Number                               | 1073   |                               |
| <b>DECLARED PERFORMANCE</b>                        |  |                               |
| Essential Characteristics                          | Performance  | Harmonised Technical Standard |
| Compressive Strength                               | 45N/mm <sup>2</sup>  | EN 15258:2008                 |
| <b>Prestressing Steel:</b>                         |  |                               |
| Ultimate tensile strength, $f_{pk}$                | 1770N/mm <sup>2</sup>  |                               |
| Tensile 0.1% proof-stress, $f_{p0.1k}$             | 1500N/mm <sup>2</sup>  |                               |
| Mechanical Strength (Method 3)<br>(by calculation) | Refer to Design Specification  |                               |
| Resistance to Fire (Method 3)                      | Refer to Design Specification  |                               |
| Reaction to Fire                                   | Class A1   |                               |
| Acoustic insulation                                | NPD  |                               |
| Detailing  | Refer to Detailed Drawings and<br>Technical Documentation  |                               |
| Water Permeability                                 | NPD  |                               |
| Thermal Resistance                                 | NPD  |                               |
| Durability   | Refer to Design Specification  |                               |
| Signed on Behalf of Manufacturer                   |                         |                               |
| Position   | Design Engineer  |                               |
| 1 <sup>st</sup> issued                             | <i>July 2013</i>   |                               |
| Revised  | <i>(Revised 12 03 21) REV 2</i>  |                               |
| Contact Info                                       | <i>info@wright.ie</i>  |                               |