

DECLARATION OF PERFORMANCE No. 02/UC/2021

1. Unique identification code of the product-type:

UltraCor Structures:

UC-M (UC-1M – UC 10M), UC-H (UC-1H – UC 10H), UC-SA (UC-1SA – UC-38SA), UC-HA (UC-1HA – UC-17HA), UC-OA (UC-1OA – UC-50OA), UC-NA (UC-1NA – UC-47NA), UCA (UCA-1 – UCA-2), UCH (UCH-1 – UCH-3)

Profiles produced range is expanded to include profiles resulting from the additional customer requirements (design, specification) – **Spec.**

2. Intended use/es:

UltraCor structures are designed for use as engineering structures to carry water courses or pedestrian, road and rail, animals and installation of equipment (pipelines, conveyors) and cables for road and railway embankments. They can be used for all load classes of roads and railways.

For transfer the dynamics loads the UltraCor structures using a surrounding soil.

The Ultra Cor structures can be used for reinforcing or reconstruction an existing culverts and engineering structures. In such case the space between existing and new structure is filled by the concrete or soil.

3. Manufacturer: **ViaCon Polska Sp. z o. o., ul. Przemysłowa 6, 64-130 Rydzyna, Polska**

4. Authorized representative: -

5. System/s of AVCP: 2+

6a. Harmonized standard: **EN 1090-1+A1:2012**

Notified body/ies: **ITC Nr 1023-CPR-0640 F**

7. Declared performance/s:

Essential characteristics	Declared performance	Harmonized technical specification
Tolerances on dimensions and shape	EN 1090-2	PN-EN 1090-1+A1:2012
Weldability	Steel S355MC, S420MC, S500MC EN 10149-2 Anchor, Flange, Channel S235 EN 10025-2	PN-EN 1090-1+A1:2012
Fracture toughness/impact resistance	Min 27 J	PN-EN 1090-1+A1:2012
Reaction to fire	A1	PN-EN 1090-1+A1:2012
Release of cadmium and its compounds	NPD	PN-EN 1090-1+A1:2012
Radioactivity	NPD	PN-EN 1090-1+A1:2012
Durability	Hot Dip Galvanizing EN 1461 Surface painted EN 12944	PN-EN 1090-1+A1:2012
Load bearing capacity	NPD	PN-EN 1090-1+A1:2012
Fatigue strenght	NPD	PN-EN 1090-1+A1:2012

8. Appropriate Technical Documentation and/or Specific Technical Documentation:

Technical Documentation UltraCor Structures

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Tomasz Poprawski

Tomasz Poprawski

Rydzyna, 12.11.2021

Dyrektor Produkcji

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