

DECLARATION OF PERFORMANCE No. 01/VP500/VCP/2025

1. Unique identification code of the product-type:

ViaPlate® 500 Structures: VP5-M, VP5-H, VP5-SA, VP5-HA, VP5-OA, VP5-NA, VP5-A, VP5-B, VP5-MO, VP5-HO

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

2. Intended use/es:

ViaPlate® 500 structures are designed to carry watercourses, pedestrian, road and rail traffic, game and installation equipment (e.g. pipelines, conveyor belts) through road and rail embankments.

Engineering structures made of ViaPlate® 500 structures can be used for all classes of road and rail loads.

To transfer loads, ViaPlate® 500 structures use cooperation with the surrounding soil. ViaPlate® 500 structures can also be used to strengthen and rebuild existing engineering structures and culverts. In such a case, the space between the existing and new structure is filled with soil or concrete.

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 ViaPlate® 500 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 Sakowicz

Rydzyna, 02.01.2025

Tomasz Sakowicz

Kierownik Jakości
Pełnomocnik Zarządu ds. ISO i ZKP
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