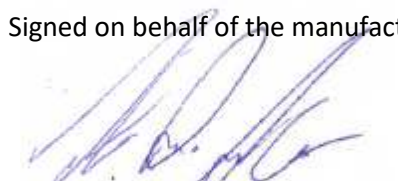


Declaration of Performance for MFP-C42

Version nr. CP04.01

1. Unique identification code of the product	Mast foundation piles. Identification code: MFP-C42	
2. Type-, charge- or serial number etc.	The piles are labeled with: Manufacturer's logo – CE symbol with type- and serial number, production date - type – length – concrete layer - concrete type – optionally extra reinforcement - serial number – bar code with type- and serial number - weight	
3. Intended use	Prefabricated mast foundation piles for electrification of railway- and tram lines.	
4. Manufacturer	Centrum Pæle A/S Teknikervej 1 8722 Hedensted, Denmark	
5. EC certificate	EC certificate no. 0761-CPR-1216	
6. System of AVCP	AVCP 2+	
7. Task of notified body	MPA Braunschweig, id-no 0761, carried out the initial inspection of the factory's production control and has subsequently carried out inspection, assessment, and evaluation of the factory's production control according to system 2+ on a continuous basis. EC certificate no. 0761-CPR-1216	
8. Declared performance		Reference
Main reinforcement	Ribbed steel B500B, duct. class B, $f_{yk} = 500$ MPa	DIN 488 DIN/EN 1992-1-1
Stainless reinforcement	Ribbed steel EN 1.4482, duct. class B, $f_{yk} = 700$ MPa	DIN 488 DIN/EN 10088-1
Bolts	Steel EN 1.4460, $f_{yk} = 450$ MPa, M30, M36, M42, M48	
Concrete	Strength class C50/60 Compressive strength $f_{ck} = 50$ MPa	DS/EN 206 + DK NA DIN EN 1045-2
Concrete cover	60 mm nominal cover for general reinforcement Allowance for deviation Δc_{dev} : 10 mm 30 mm nominal cover for stainless reinforcement.	EN 1992-1-1
Details	Geometric properties, reinforcement details can be found in the project-specific documentation	EN 12794+A1:2007
Angular classification	Class AD1	EN 12794+A1:2007 table 1
Pile classification	Class 1	EN 12794+A1:2007 table 3
Coupling classification	Class A	EN 12794+A1:2007 table 4
<p>9. The performance of the product identified in section 1 and 2, is in accordance with the declared performance in section 8. This declaration of performance is issued on the sole responsibility of the manufacturer listed in section 4.</p> <p>Signed on behalf of the manufacturer:</p>  <p>Jacob D. Jacobsen, Quality Manager Vejle, Denmark, 02 May 2023</p>		