

2021-01-05

Stålrörspålar av konstruktionsstål CE-märkning SS-pålen® och SSdr-pålen®

Produkt:

SS-pålen®, SSdr-pålen®

Produktens användningsområde:

Grundläggning och grundförstärkning

Tillverkare:

UAB Scandia Steel Baltic
Vytauto 151, 97133 Kretinga, Litauen

Kontaktperson:

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System för bedömning och fortlöpande kontroll av produktens prestanda:

+2



Teknisk information:

- European Assessment Document: EAD 200005-00-0103 (December 2014)
- European Technical Assessment: ETA 15/0029 (2020-11-15)
- Technical Assessment Body: RISE Research Institutes of Sweden AB
- Notified body: Kiwa Inspecta UAB, NB2268.

CE-godkännandet innehåller:

- Pålrör SS: 76,1x6,3, 88,9x6,3, 114,3x6,3, 114,3x8,0, 139,7x8,0, 139,7x10,0, 168,3x10,0, 168,3x12,5, 219,1x10, 219,1x12,5, 273,0x10,0, 273,0x12,5, 323,9x10,0, 323,9x12,5 och 406,4x12,5.
- Tillbehör enligt ETA 15/0029

- Pålrör SSdr: 88,9x6,3, 114,3x6,3, 114,3x8,0, 139,7x8,0, 139,7x10,0, 168,3x10,0, 168,3x12,5, 219,1x10, 219,1x12,5, 273,0x10, 273,0x12,5, 323,9x10,0, 323,9x12,5 och 406,4x12,5.
- Tillbehör enligt ETA 15/0029

 2268	
UAB Scandia Steel Baltic, Vytauto str. 151, LT-97133 Kretinga, Lithuania  SCANDIA STEEL 16 Steel pile SS-pile® and SSdr-pile®	
ETA 15/0029 (2020-11-15) Foundation pile for structural use	
Mechanical resistance and stability: - bending resistance (unspliced and spliced) - bending stiffness: - tension resistance: - compression resistance - robustness of pile joints: SS SSdr	Bending resistance of the pile with mechanical pile joint: $M_{spliced} \geq M_{unspliced}$ Bending stiffness of pile with mechanical pile joint: $E \cdot I_{spliced} \geq 0,75 \cdot E \cdot I_{unspliced}$ (In moment range $0,3 \cdot M_{el} - 0,8 \cdot M_{el}$) Tension resistance of the pile with mechanical pile joint: $N_{spliced} \geq 0,15 \cdot N_{unspliced}$ Compression resistance of the pile with mechanical pile joint: $F_{spliced} = F_{unspliced}$ Impact test with stress level $0,5 \cdot f_y / 0,8 \cdot f_y$, Tightening torque according to specification.
Material properties (steel grade): - steel pipe - sleeve - top plate - rock shoe (SS-pile) - pile dowel (SS-pile)	S460MH according EN 10219 ETA 15/0029 (2020-11-15) S355J2 according to EN 10025-2 S355J2 according to EN 10025-2 S27MnCrB5 (hardness HV 530±640)
Dimensional tolerances	ETA 15/0029, annex D
Resistance to corrosion	The reduced load bearing capacities of pile pipes in consideration of thickness losses due to corrosion set in EN 1993-5 shall be calculated according to valid EN standards or national regulation.
Reaction to fire	A1 according EN 13501-1