

2019-10-30

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:

Thorulf Hamfors
thorulf@scandiasteel.se
tel. +46 703 13 12 11

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 (2019-09-27)
- 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	
 SCANDIA STEEL UAB Scandia Steel Baltic, Vytauto str. 151, LT-97133 Kretinga, Lithuania	
ETA 15/0029 (2019-09-27) Steel pile SS-pile and SSdr-pile	
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} ≥ M _{unspliced} Bending stiffness of pile with mechanical pile joint: E-I _{spliced} ≥ 0,75 E-I _{unspliced} (in moment range 0,3-M _{el} – 0,8-M _{el}) Tension resistance of the pile with mechanical pile joint: N _{spliced} ≥ 0,15 N _{unspliced} Compression resistance of the pile with mechanical pile joint: F _{spliced} = F _{unspliced} Impact test with stress level 0,5 f _y Tightening torque according to specification.
Material properties (steel grade): - the steel pipe - the sleeve of the pile tip - the top plate - the pile dowel	S460MH according EN 10219 ETA 15/0029 (2019-09-27) S355J2 according to EN 10025-2 S27MnCrB5 (hardness HV 530±560)
Dimensional tolerances Resistance to corrosion	ETA 15/0029, annex D 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