

2021-10-15

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

### Produkt:

SS-pålen®, SSdr-pålen®

**Kvaliteter:** S460MH och S550MH/J2H

### 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 200005-00-10103
- European Technical Assessment: ETA 15/0029
- Technical Assessment Body: RISE Research Institutes of Sweden AB
- Notified body: Kiwa Inspecta UAB, NB2268.

### CE-godkännandet innehåller:

-Pålrör SS/SS5: 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/SSdr5: 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  16 Steel pile SS-pile® and SSdr-pile® (SS5 and SSdr5)	
<b>ETA 15/0029</b> Foundation pile for structural use	
<b>Mechanical resistance and stability:</b> - 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-Mel – 0,8-Mel) 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·f <sub>y</sub> /0,8·f <sub>y</sub> Tightening torque according to specification.
<b>Material properties (steel grade):</b> - steel pipe - sleeve - top plate - rock shoe - pile dowel	S460MH/S550MH/S550J2H according EN 10219 / ETA 15/0029 ETA 15/0029 S355J2 according to EN 10025-2 S355J2 according to EN 10025-2 27MnCrB5-2 (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