

2017-09-15

## Stålrörspålar av konstruktionsstål CE-märkning SS och SSdr

### Produkt:

SS, SSdr

### Produktens användningsområde:

Grundläggning och grundförstärkning

### Tillverkare:

UAB Scandia Steel Baltic  
Vytauto 151, 97133 Kretinga, Lithuania

### Kontaktperson:

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

### System för bedömning och fortlöpande kontroll av produktens prestanda:

+2 (2268-CPR-106)

### Teknisk information:

- European Assessment Document: EAD 200005-00-0103 (December 2014)
- European Technical Assessment: ETA 15/0029 (2015-01-29)
- Technical Assessment Body: RISE Research Institutes of Sweden AB
- Notified body: 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.

-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, 323,9x10,0x, 323,9x12,5.

-Tillbehör enligt ETA 15/0029

 2268	
 <b>SCANDIA STEEL</b> UAB Scandia Steel Baltic, Vytauto str. 151, LT-97133 Kretinga, Lithuania 16 2268-CPR-106	
<b>ETA 15/0029</b> Steel pile SS-pile and SSdr-pile	
<b>Mechanical resistance and stability:</b> - bending resistance (unspliced and spliced)  - bending stiffness:  - tension resistance:  - compression resistance  - robustness of pile joints	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: $F_{spliced} = F_{unspliced}$  According to ETA 15/0029
<b>Material properties (steel grade):</b> - the steel pipe - the top plate and the sleeve of the pile tip - the pile dowel	S460MH according EN 10219 S355J2H according EN 10025-2 S1CrV4 (hardness HV 530:590) or S27MnCrB5 (hardness HV 530:560)
Dimensional tolerances	ETA 15/0029, annex D
Resistance to corrosion	calculation according EN 1993-5
Reaction to fire	A1 according LST EN 13501-1

