



## Ydeevnedeklaration

NR. SQS 00093-D

1. Byggevaretype:	<b>Faste lodrette trafikskilte</b>
2. Byggevareidentifikation:	<b>Standere type LG</b>
3. Byggevarens tilsigtede anvendelse(r):	<b>Komplette samlinger af faste lodrette trafikskilte. Skilte og standere er beregnet til montering i jorden.</b>
4. Fabrikantens navn og adresse:	<b>Seri Q Sign A/S Stærmosegårdvej 30 DK-5230 Odense M</b>
5. Navn og adresse på den bemyndigede repræsentant:	Ikke relevant
6. Systemerne for vurdering og kontrol af konstansen af byggevarens ydeevne (AVCP):	System 1
7. Harmoniseret standard & Notificeret Organ: Har udført  Efter system Og udstedt	EN 12899-1:2007 DBI Certification A/S nr. 2531 Indledende inspektion af fabriksanlæg og fabrikens egen produktionskontrol samt kontinuerlig overvågning, vurdering og evaluering af fabrikens egen produktionskontrol. 1 Overensstemmelsesattest for fabrikens egen produktionskontrol (nr. 2531-CPR-CSC10028)
8. Deklareret ydeevne:	

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## EXTENT

### Description and classification:

<b>Sign, sizes and mounting system</b> Pipes: Minimum steel quality: S235 in dimension $\varnothing 33,7 \times 3,2$ , $\varnothing 48,3 \times 2,9$ , $\varnothing 48,3 \times 3,0$ and $\varnothing 48,3 \times 3,2$ mm Signboard: Minimum aluminium quality: $R_{p0,2} = 180$ MPa, min. 2 mm thickness		<b>Classification according to wind load classes</b>																																																																																																																					
		Placed in WL1	Placed in WL2	Placed in WL3																																																																																																																			
<p>Type LG 1.1</p>		$h \leq 500$ mm, $b \leq 2500$ mm and $L \leq 500$ mm																																																																																																																					
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<p>Type LG 1.2</p>		$h1 \leq 330$ mm, $b \leq 1750$ mm and $L \leq 500 + h2 + 30$ mm																																																																																																																					
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<b>Sign, sizes and mounting system</b> Pipes: Minimum steel quality: S235 in dimension Ø33,7 x 3,2, Ø48,3 x 2,9, Ø48,3 x 3,0 and Ø48,3 x 3,2 mm Signboard: Minimum aluminium quality: R <sub>p0,2</sub> = 180 MPa, min. 2 mm thickness	<b>Classification according to wind load classes</b>		
	Placed in WL1	Placed in WL2	Placed in WL3
	$d \leq 700 \text{ mm}$ and $L \leq h1 + h2 + 60 + 500 \text{ mm}$		
	PAF1, WL1, DSL0, PLO, TDB3, P2, E1 and SP1.	PAF1, WL2, DSL0, PLO, TDB3, P2, E1 and SP1.	PAF1, WL3, DSL0, PLO, TDB3, P2, E1 and SP1.
	$d \leq 700 \text{ mm}$ , $h1 \leq 300 \text{ mm}$ and $L \leq h2 + 30 + 500 \text{ mm}$		
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	$h1 \leq 700 \text{ mm}$ , $h2 \leq 300 \text{ mm}$ , $b \leq 700 \text{ mm}$ and $L \leq h3 + 30 + 500 \text{ mm}$		
	PAF1, WL1, DSL0, PL0, TDB3, P2, E1 and SP1.	PAF1, WL2, DSL0, PL0, TDB3, P2, E1 and SP1.	PAF1, WL3, DSL0, PL0, TDB4, P2, E1 and SP1.
	$h1 \leq 700 \text{ mm}$ , $h2 \leq 300 \text{ mm}$ , $h3 \leq 300 \text{ mm}$ , $b \leq 700 \text{ mm}$ and $L \leq 500 \text{ mm}$		
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Resistance to horizontal loads		NPD
Resistance to bending		NPD
Resistance to torsion		NPD
Fixings:		Pass.  M6 Screws, nuts and washers M6: $f_y \geq 320 \text{ MPa}$ Pressure force for tightening: 2 kN
Temporary deflection (supports) -bending -torsion		NPD



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Permanent deflection		NDP
Performance under vehicle impact		NPD
<b>Visibility</b>		<b>Value/description/ class/reference</b>
Retroreflective signs: Daylight chromaticity & luminance factor	3M Advanced Engineering Grade Prismatic 7930  3M High Intensity Prismatic 3930  3M Engineering Grade Prismatic 3430  3M Diamond Grade DG	ETA 16/0006 ETA 17/0465  ETA 18/0290  ETA 12/0550 ETA 10/0118  ETA 18/0405
Non retroreflective signs: Daylight chromaticity & luminance factor		NPD
Retroreflective signs: Coefficient of retroreflection $R_A$	3M Advanced Engineering Grade Prismatic 7930  3M High Intensity Prismatic 3930  3M Engineering Grade Prismatic 3430  3M Diamond Grade DG	ETA 16/0006 ETA 17/0465  ETA 18/0290  ETA 12/0550 ETA 10/0118  ETA 18/0405
<b>External illumination</b>		<b>Value/description /class</b>
mean illuminance,		NPD
uniformity of illuminance		NPD
<b>Durability</b>		<b>Value/description /class</b>
Impact resistance Sign face material	3M Advanced Engineering Grade Prismatic 7930  3M High Intensity Prismatic 3930  3M Engineering Grade Prismatic 3430  3M Diamond Grade DG	Pass ETA 16/0006 ETA 17/0465  Pass, ETA 18/0290  Pass ETA 12/0550 ETA 10/0118  Pass, ETA 18/0405



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Resistance to weathering – sign face material: Retroreflective signs	3M Advanced Engineering Grade Prismatic 7930  3M High Intensity Prismatic 3930  3M Engineering Grade Prismatic 3430  3M Diamond Grade DG	ETA 16/0006, ETA 17/0465  ETA 18/0290  ETA 12/0550 ETA 10/0118  ETA 18/0405
Resistance to weatering – sign face material: Non retroreflective signs		NPD
<b>Corrosion resistance</b>		<b>Value/description/ class/reference</b>
Steel pipes and fins		Minimum S235 SP1 The pipe and fins are after manufacturing hot dip galvanized to a minimum of 60µm
Screws, nuts and washers		M6: fy ≥ 320 MPa Stainless steel SP2 or anodized aluminum SP1
Aluminum plate		Minimum Rp0,2 ≥ 180 MPa SP1 Lacquered Al-plate on exposed side if any
Resistance to penetration of dust and water		NPD  The product cannot be provided with compartments for electrical equipment



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9. Ydeevnen for den byggevare, der er anført i punkt 1 og 2, er i overensstemmelse med den deklarerede ydeevne i punkt 8.

Denne ydeevnedeklaration udstedes på eneansvar af den fabrikant, der er anført i punkt 4.  
Underskrevet for og på vegne af fabrikanten af:

Odense 2019-01-17, Paul Pedersen, Produktionschef