

CERTIFICATE OF CONSTANCY OF PERFORMANCE

Issued by DBI Certification, notified body No. 2531.

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product:

Signboards

Scope: Sign plates with sign face materials applied for fixed vertical road traffic signs (ZA.5)

The product fulfils the essential characteristic:

See Annex 1

Intended use: Permanent traffic signs

Placed on the market under the name or trade mark of:
Saferoad Daluiso A/S
Hvidkærvej 33
5250 Odense SV
Denmark

and produced in the manufacturing plant:
CPA30003

This attests that all provisions concerning the performance described in Annex ZA of the standard(s)

EN 12899-1:2007 : **Fixed, vertical road traffic signs - Part 1: Fixed signs**

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

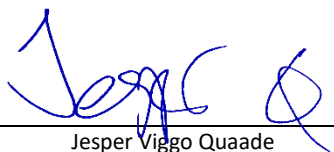
CONSTANCY OF PERFORMANCE OF THE CONSTRUCTION PRODUCT.

This certificate was first issued on 2018-02-21 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

The attached annexes form part of this certificate.

Date of issue: **2023-09-12**.

(This certificate supersedes the previous version of this certificate issued 2018-11-21)



Jesper Viggo Quaade
Responsible for evaluation



Merete Poulsen
Responsible for certification decision

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DBI Certification A/S

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DANAK
PROD Reg.nr.7023

Version 2022-10-10
Page 1 of 3

Annex 1

Description and classification:		
Fixings		NPD
Wind actions		NPD
Temporary deflection-bending		NPD
Dynamic load from snow clearance		NPD
Point loads		NPD
Permanent deflection		NPD
Partial safety factor		NPD
Visibility	Technical basis	Value/description/ class/reference
Retroreflective signs: Daylight chromaticity & luminance factor	See relevant ETA's in Annex 2.	Pass
Non retroreflective signs: Daylight chromaticity & luminance factor		NPD
Retroreflective signs: Coefficient of retroreflection R_A	See relevant ETA's in Annex 2	Pass
External illumination		Value/description /class
mean illuminance,		NPD
uniformity of illuminance		NPD
Durability		Value/description /class
Impact resistance Sign face material	See relevant ETA's in Annex 2.	Pass
Resistance to weatering – sign face material: Retroreflective signs	See relevant ETA's in Annex 2.	Pass
Resistance to weatering – sign face material: Non retroreflective signs		NPD
Corrosion resistance		Value/description/ class/reference
Aluminum plate		2 mm aluminum plate Minimum $R_{p0,2} \geq 180$ MPa SP1 Lacquered Aluminum plate on exposed side if any
Resistance to penetration of dust and water		NPD

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Annex 2

Title	Date
Saferoad Daluiso A/S Calculation of minor traffic signs (ITC) Shapes and sizes for signs without protection edge mounted on brackets made of presharped rectangular steel bars, 1 th Edition.	September 2017
3M Advanced Engineer Grade Prismatic 7930 ETA 16/0006 Version 01 ETA 17/0465 Version 01	2016-03-03 2017-07-26
3M High Intensity Prismatic 3930 ETA 18/0290 Version 01 ETA 17/0491 Version 01	2018-06-21 2017-07-26
3M Engineering Grade Prismatic 3430: ETA 10/0118 Version 02 ETA 12/0550 Version 01	2016-02-10 2018-06-06
3M Diamond Grade DG: ETA 18/0405 Version 01 ETA 17/0490 Version 02	2018-06-21 2019-06-05
3M Flexible Engineer Grade Prismatic 7600 ETA 19/0839 Version 01	2020-04-17

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