

In the 911 event, the terror attack in the United States in 2001, all the stairway lights in the World Trade Center went out of control before collapsed. However many people were able to escape from the building by following the staircase. How could they escape in the dark? It was because the staircases were painted by luminescent materials. So as in Japan, "luminescent materials" is getting more important to take into consideration under emergency or contingency planning.

Hi step SLIM CK is a new developed soft resin with luminescent materials added to provide long lasting luminescence. Hi step SLIM CK significantly increases visual capability in the dark. It enhances traditional staircase's performance that enables a safe and smooth escape.

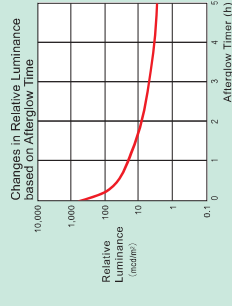
Features

HiStep SLIM CK bands luminescent into tile grooves for producing luminescence by storing light. The luminescent can obtain energy indoor by irradiation of a fluorescent light bulb (200lx) for 20 minutes. Its level or more even in dim places of around 30x can meet with JIS standard

Visibility Data

Afterglow luminance ※1	17~21mcd (millicandies/m ²)
Afterglow luminance period ※2	Luminance level 3mcd/m ² 5 hrs. or more

※1 Cut off light for 24 hrs. then irradiate with 200 lx (lux) of light for 20 minutes. The luminance of the luminance band after 60 minutes have passed.
 ※2 The time required to reach the luminance shown in the table after irradiating with light under the above conditions. In our company's judgement, the minimum luminance required for conducting a safe escape is 3mcd/m².



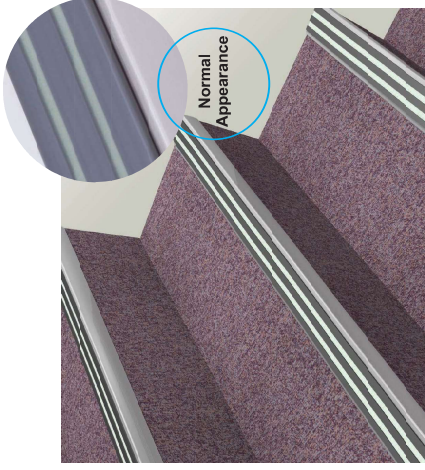
Regarding Luminance and Brightness Level

Luminance mcd/m ²	Sensation of Brightness in the Dark
5 or above	Extremely bright, objects are clearly discernible
3	Outlines of objects are discernible
2	Dim and blurred, objects can be roughly discerned
1 or below	Objects are barely discernible

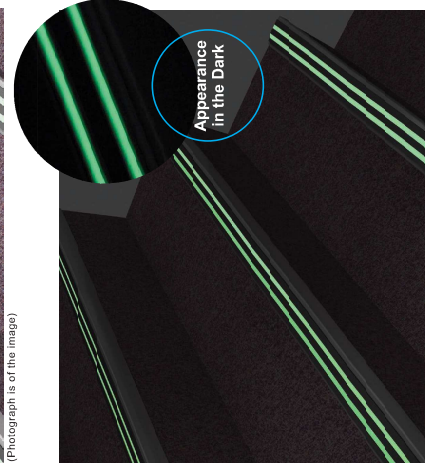
On the JIS Standard for Luminous Safety Signboards

The JIS Standard (JIS Z9107 Afterglow Luminance on Luminous Safety Signboards), stipulates that the afterglow luminance should be 7mcd/m² after 60 minutes.

With Hi step SLIM CK the performance level is reported to be more than double that of the above standard.



(Photograph is of the image)



(Photograph is of the image)

For PVC TILE

NSP-35CK/NSP-40CK

Stainless Steel

3.5 (4.0) Luminescence PVC

Non Elastic Material

1.7

R-Bond

For CARPET TILE

NSC-40CK

Luminescence PVC

4.0

Non Elastic Material

1.7

R-Bond

Aluminium

NAP-40CK

4.0 Luminescence PVC

Non Elastic Material

1.7

NAP-50CK

5.0 Luminescence PVC

2.4

Non Elastic Material

Brass

NBP-40CK

4.0 Luminescence PVC

Non Elastic Material

1.7

NBC-40CK

4.0 Luminescence PVC

Non Elastic Material

1.7

■ Specifications

Metal Base / Stainless Steel: SUS304 Hairline finish
 Aluminium: Extruded Aluminium A-6063S-T5 Anodised finish
 Brass: Extruded Brass C3604BE Buff Finish
 Vinyl Tiles / Extruded PVC contain Non Elastic Material
 Luminance Band: Luminescence soft PVC

Note) Luminance colour is one colour (Light Green) only for any colour of PVC tile.

※: Regarding the Symbol

R-Bond

Indicates that R processing is possible

COLOR VARIATION

02	Grey	★
03	Dark Grey	★
04	Soft Black	★
12	Light Beige	★
13	Beige	★
14	Dark Beige	★
22	Light Brown	★
23	Chocolate	★
34	Cheese Yellow	★
45	Wine Red	★
51	Olive Green	★
62	Dark Blue	★

The mark ★ indicates colours for ordered production.
 Note) Actual colour sample are available on request.

Hi-Step SLIM

For PVC Tile

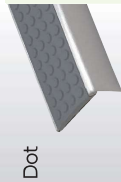
For Tile Carpet

A standard type with excellent cost performance.

Stainless metal base



Stripe



Dot

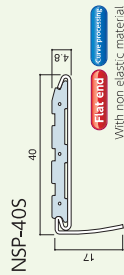


Lattice

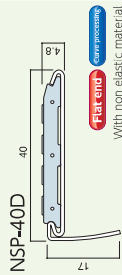


Flat

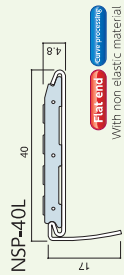
Surface Mounted Type



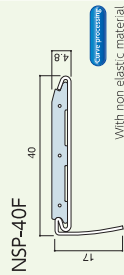
NSP-35S



NSP-35D



NSP-40L



NSP-40F



Stripe



Dot

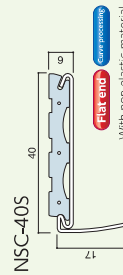


Lattice

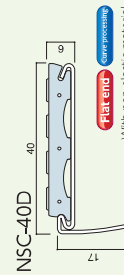


Flat

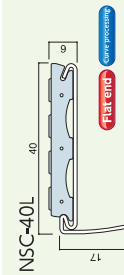
Recess Mounted Type



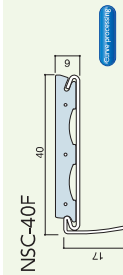
NSC-40S



NSC-40D



NSC-40L



NSC-40F

Specifications

Metal base / SUS304 Hairline finish

Aluminum / Extruded aluminum AG0635-T5 Anodised finish

Brass / Extruded brass C3604BE Buff finish

Vinyl tyre / Extruded PVC contain elastic prevention material

*Remark

Flat end

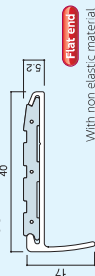
Available flat end

Curve processing

Curve processing is possible

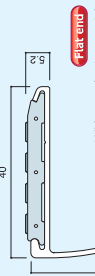
Aluminium metal base

NAP-40S



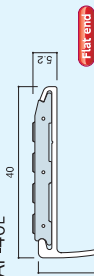
With non elastic material

NAP-40D



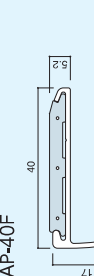
With non elastic material

NAP-40L



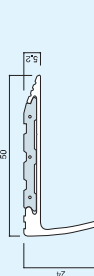
With non elastic material

NAP-40F



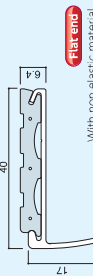
With non elastic material

NAP-50S (order to made overseas only)



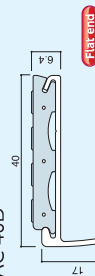
With non elastic material

NAC-40S



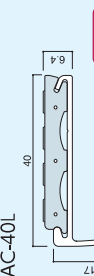
With non elastic material

NAC-40D



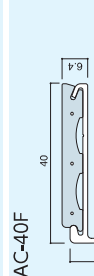
With non elastic material

NAC-40L



With non elastic material

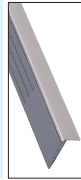
NAC-40F



With non elastic material

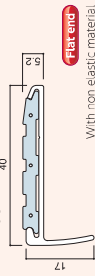
Flat end

Finish with flat end caps at both end. Help to clean easily.



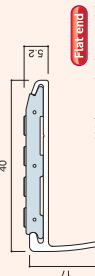
Brass metal base

NBP-40S



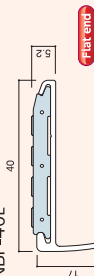
With non elastic material

NBP-40D



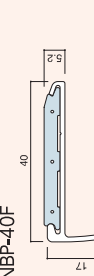
With non elastic material

NBP-40L



With non elastic material

NBP-40F



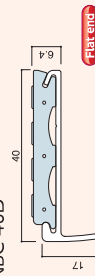
With non elastic material

NBC-40S



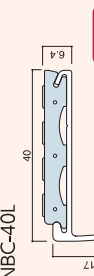
With non elastic material

NBC-40D



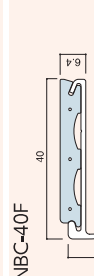
With non elastic material

NBC-40L



With non elastic material

NBC-40F



With non elastic material

Colour Variation



02 Grey



03 Dark Grey



04 Soft Black



05 Black



12 Light Beige ★



13 Beige



14 Dark Beige



22 Light Brown ★



23 Chocolate



34 Cheese Yellow ★



45 Wine Red



51 Olive Green



62 Dark Blue ★

★ Non stock colour

Note) Please check the with the color sample book.