



Research as standard

# Slotted trunking 88 halogen free

**U43X**

**HL3-R22**  
acc./ EN 45545-2



[www.unex.net](http://www.unex.net)

# Slotted trunking 88 in **U43X** halogen free

## Highest requirements HL3-R22 acc./EN 45545-2

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The new European Standard for rolling stock EN 45545, which came into force in 2013, is a series of European standards developed by CEN, the European Committee for Standardisation and show the state of the art in fire protection on railway vehicles.

The objectives of EN 45545 are to minimize the probability of a fire starting, to control the rate and extent of fire development and through this, to minimize the impact of the products of fire on passengers and staff.

According to the standard requirements, test specimens shall be obtained from the end product. Both the cover and base require testing if they are of different thickness.

Unex Slotted trunkings 88 in U43X (own-formulated raw material) have successfully passed tests of fire safety according to EN 45545-2: 2013, meeting the requirements R22-R23 (both inside and outside railway vehicles) for hazard levels HL1 to HL3.

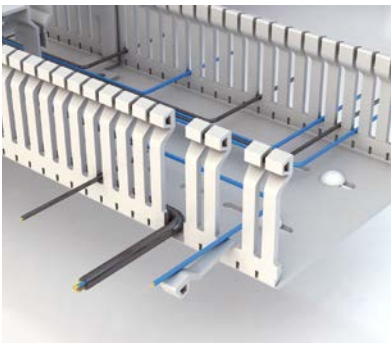
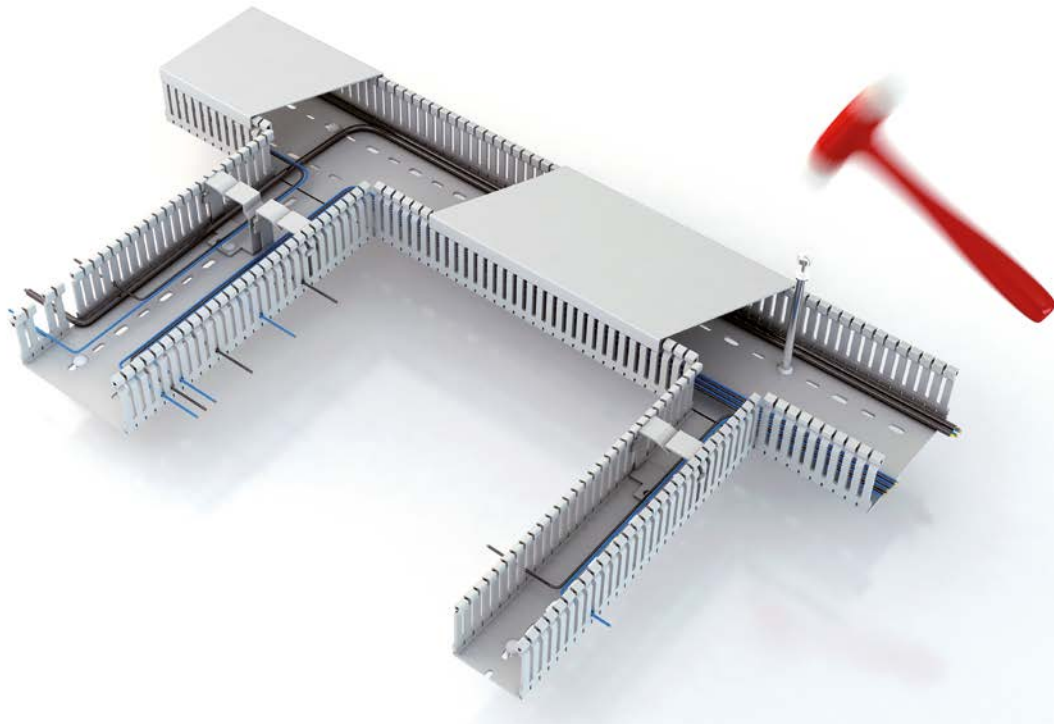
After a period of cohabitation, this standard will definitely replace national standards like DIN 5510-2 (Germany) or NF F 16101 and NF F 16102 (France) in 2016.

Moreover, Unex Slotted trunkings 88 have successfully passed the tests according to IEC 61373:2010 "Railway applications. Rolling stock equipment. Shock and vibration test".

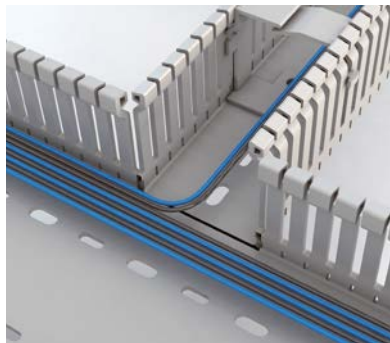


## Characteristics

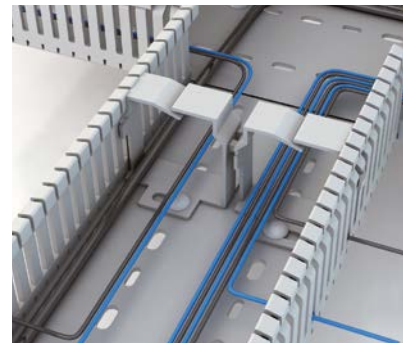
- Safe installation assured by the trunking's sturdiness.
- The cover is easy to mount and remove and does not fall or slide in any mounting position.
- Two possibilities to cut the trunking sidewall: either removing the finger or cutting until the base.
- Rounded fingers: no cutting tips or edges, avoiding damage to cables and personal injury, both during mounting and transportation; not affected by vibrations.



Flexible and resistant fingers, which do not break accidentally.



Clean cut of the sidewall to the base: Maximum branching room and cross-section. Quicker mounting and easier cable connections.



Rigid cable retainer: avoids deformations and allows circuit classification.


## Certified System

The quality of Unex solutions is guaranteed by the strict accomplishment of product and application standards, as well as by obtaining quality marks and approvals.











# Other halogen free solutions for the railway sector:

By formulating its own raw materials, Unex stands-up for the environment: all raw materials and final products comply with the Rohs Directive 

See updated technical information of each part number on [www.unex.net](http://www.unex.net)

<p>Insulating cable tray 66</p> <p><input type="checkbox"/> U48X</p> <p>Halogen free</p> 	<p>Trunking 73</p> <p><input type="checkbox"/> U43X</p> <p>Halogen free</p> 	<p>Mini Trunking 78</p> <p><input type="checkbox"/> U43X</p> <p>Halogen free</p> 
<p>Cable ties 22</p> <p><input type="checkbox"/> U61X</p> <p>Halogen free</p> 	<p>Cable ties 22</p> <p><input type="checkbox"/> U60X</p> <p>Halogen free</p> 	<p>Cable ties 22 HD</p> <p><input type="checkbox"/> U71X</p> <p>Halogen free</p>  <p>For chemical environments</p>

Colour:  Grey RAL 7038 /  White RAL 9010 /  Black /  Natural

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