



# Z4- a better choice for the environment

We introduce Z4 as a better environmental choice compared to traditionally hot-dip galvanized products. The advantages are several, besides the environmental gain, corrosion resistance is better, the surface is smoother, and the material self-heals when cut.

## Zink, Aluminium and Magnesium

The material is fully treated during production. It does not require post-treatment as with traditional hot-dip galvanizing. In addition to a reinforcing cathodic protection equivalent to a zinc coating, Z4 protects exposed cut surfaces with a thin zinc-based protective film containing magnesium that prevents corrosion reactions.

The use of Z4 preserves natural resources because less zinc is used than in pure zinc coatings. A product exposed to rain releases a certain amount of zinc into the environment. Even here, Z4 is significantly better than a hot-dip galvanized product

## Better corrosion resistance

In a 1050-hour salt spray test simulating long-term use, only white rust has formed, which does not affect functionality or lifespan.



Traditionally hot-dip galvanized cable ladder.



Z4 cable ladder.

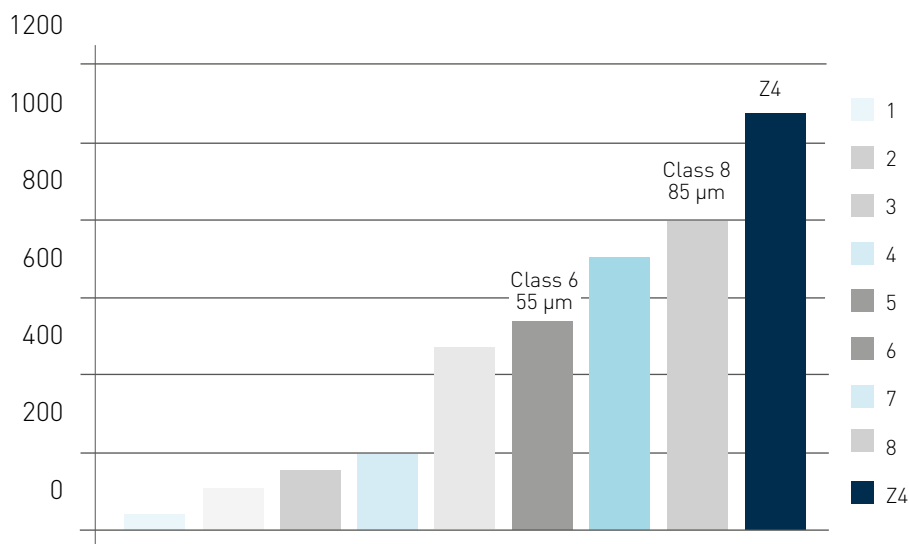
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## Hours of exposure in salt spray test



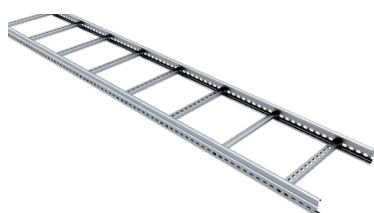
## Better than class 8

Z4 is approved for C4 environments, and its corrosion resistance is equivalent to a traditionally hot-dip galvanized product with an 85 µm coating thickness. Typically, 60 µm is specified as the standard for outdoor use.

This is according to the SS-EN ISO 61537 standard

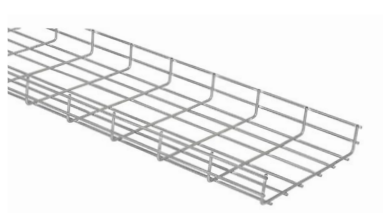
## Examples of articles

Z4 is found today in many product categories. On our website or mini-catalog, you can find all these articles collected. Below is a selection presented.



Cable ladders

Width	Art.no	E-no
200 mm	MP-152 Z4	11 151 02
300 mm	MP-153 Z4	11 151 03
400 mm	MP-154 Z4	11 151 04
500 mm	MP-155 Z4	11 151 05
600 mm	MP-156 Z4	11 151 06



Wire mesh trays

Width	Art.no	E-no
55 mm	MP-719 Z4	11 163 95
75 mm	MP-720 Z4	11 164 04
120 mm	MP-722 Z4	11 164 16
200 mm	MP-723 Z4	11 164 25
300 mm	MP-724 Z4	11 164 34



Strapping profile

Width	Art.no	E-no
30 mm	MP-800 Z4	11 160 01

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