

A COMPLETE SOLUTION  
FOR CORROSIVE ENVIRONMENTS

# IMPROVE RESISTANCE



CABLOFIL STEEL WIRE CABLE  
TRAY AND ACCESSORIES

# ALLOYS FOR BETTER RESISTANCE

CABLOFIL,  
A PERFECT  
RESPONSE  
TO ISO 9223  
CRITERIA

Corrosion is an inevitable, natural occurrence which can vary in severity depending on the environment. The quality of metallic cable tray is paramount in harsh environments. ISO 9223 defines several corrosivity categories (C1 to CX) according to the pre-defined environmental conditions. The new zinc aluminium Cablofil range of cable tray and accessories offers excellent performance in challenging environments and complies with the criteria set out in ISO 9223.

## TYPES OF SITE



Commercial buildings in category C4 coastal areas



Category C3/C4 chemical industries



Category C4 food processing industries (farming)



Photovoltaic installations



Road and rail tunnels, category C3



For more information on corrosivity categories  
SEE THE CABLOFIL STEEL WIRE CABLE  
TRAY TECHNICAL GUIDE

## EXCELLENT PERFORMANCE

	LENGTHS		ACCESSORIES	PERFORMANCE
SALT SPRAY TESTS ACCORDING TO EN ISO 9227	ZnAl	+	ZnMg ZnNi	850 h without appearance of red rust
		+	GC ZnL	550 h without appearance of red rust
CORROSION RESISTANCE CLASSIFICATION ACCORDING TO STANDARD IEC 61537	ZnAl	+	ZnMg ZnNi	Category 8

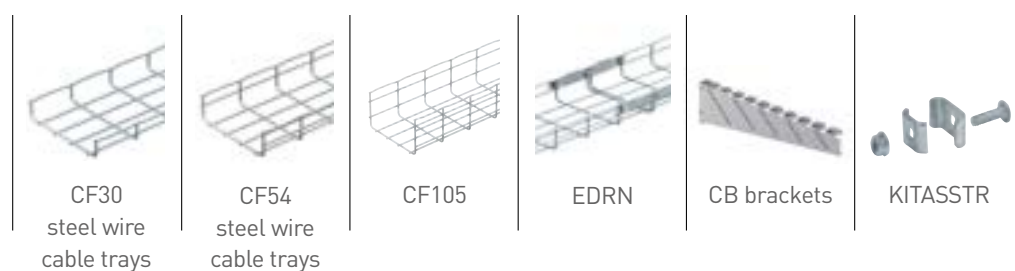
ZnAl : Zinc / Aluminium - ZnMg : Zinc / Magnésium - ZnNi : Zinc / Nickel - GC : Hot dip galvanisation - ZnL : Zinc flake

# A COMPLETE SYSTEM DESIGNED TO BE ECO-FRIENDLY

CABLOFIL  
ZINC ALUMINIUM  
OFFERS A COMPLETE  
SYSTEM THAT HELPS  
RESIST CORROSION  
IN HARSH  
ENVIRONMENTS

Legrand now offers a new finish for its Cablofil range of steel wire cable trays and accessories. The new zinc aluminium finish ensures long term resistance and sustainability in corrosive environments. The new finish also stands out through its eco-friendly and aesthetically beneficial design.

## OVERVIEW OF THE RANGE

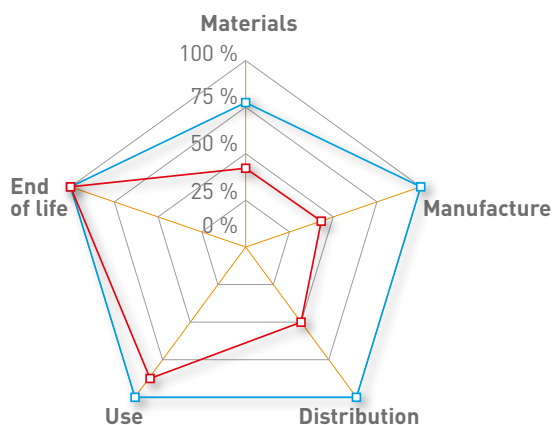


## A COMPLETE SYSTEM

LENGTHS	ACCESSORIES	COUPLERS		SUPPORT STRUCTURE		FIXINGS
ZnAl	ZnMg	ZnMg	ZnNi	ZnMg	ZnNi	ZnNi
CF30 CF54 CF105	Covers (CP) Dividers (COT) Dropouts (DEV100) Plates (SBDN, MFM, PFFN41S)	CE25 KITASSTR KITFIXTR KITASSSVS KITFIXVS	EDNRN FASLOCK	Rails (21S/41S) Brakets (CB, R15/25/35, FTX, CM50, CAT 30/40) Central fastener (SAS)	Threaded rods (TF) Sleeves (MF)	Screws (BTRCC, VHM) Ecrous (RM, RCM, HM, EEC)

## AN ECO-FRIENDLY RANGE

The new Cablofil ZnAl finish stands out due to the performance of its eco-friendly design. For example, the logistical environmental impact (expressed in grammes of CO2 equivalents) due to the manufacturing process of ZnAl Cablofil steel wire cable tray is approximately four times lower, compared to the standard GC (hot dip galvanised) finish.



**Good eco-design practices are reached to in these phases:**

Materials: 77.5%  
Manufacture: 100%  
Distribution : 100%  
Use: 100%  
End of life: 100%

A COMPLETE SOLUTION FOR CORROSIVE ENVIRONMENTS

ZnAl

## EXCELLENT CORROSION AND FIRE RESISTANCE

The new Cablofil zinc aluminium finish is an excellent alternative to traditional hot dip galvanisation because:

It performs better in salt spray tests  
It's commercially beneficial  
It has E90 fire resistance according to DIN 4101-12



### COMPLIANCE WITH STANDARDS

<b>ISO 9223</b>	Corrosion of metals and alloys Corrosivity of atmospheres
<b>IEC 61537</b>	Cabling systems Cable tray systems and cable ladder systems
<b>DIN 4101-12</b>	Maintenance of function of cable tray systems

ZnNi

ZnNi ZnMg

ZnNi ZnMg



ZnMg

ZnMg

### PRODUCT IDENTIFICATION

Dedicated purple labels for easy identification of category 8 lengths.





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