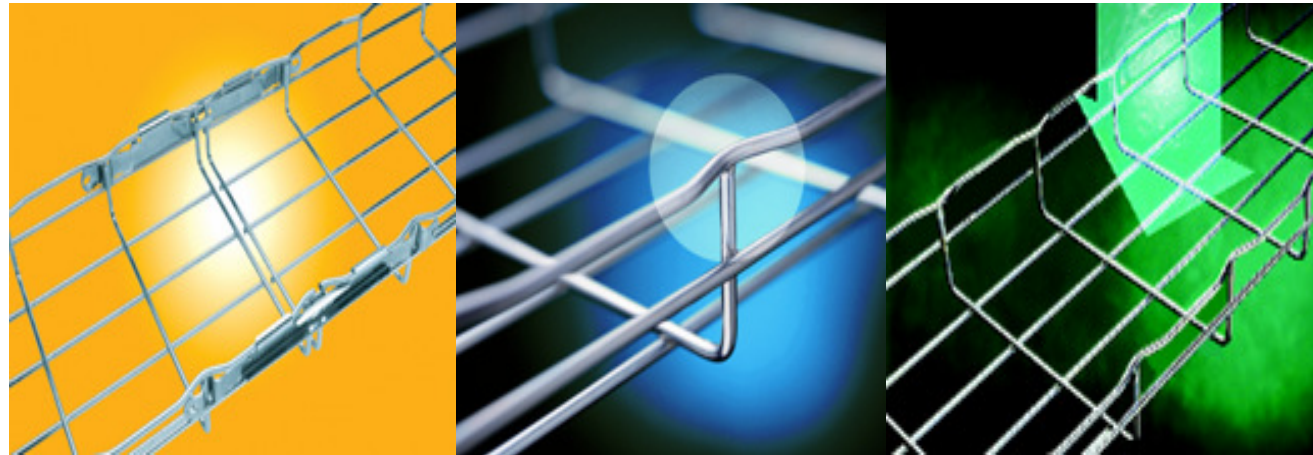


CABLOFIL®

INNOVATORS IN CABLE MANAGEMENT



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14 April, 2010

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Agenda

Traditional systems compared to steel wire cable tray

Cablofil as an alternative

Cablofil technical data (short circuit tests)

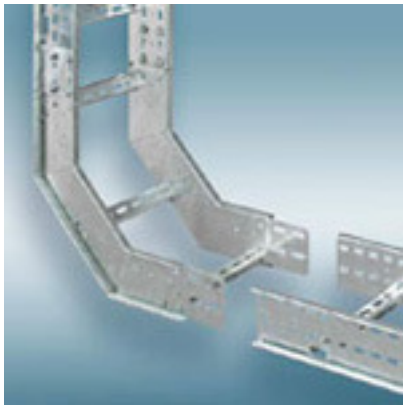
Product range and finishes

Project references

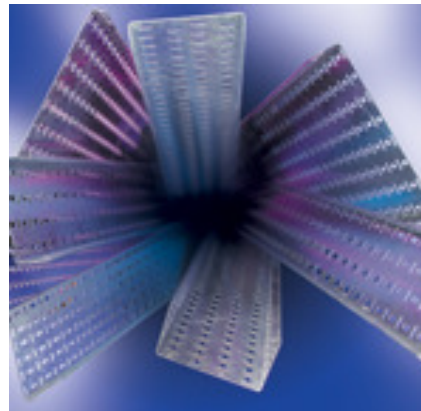
Practical demonstration

Traditional Systems

■ Cable Ladder



Cable Tray



PVC/GRP



Wire Tray



Features and Benefits

Features	Benefits
Unique "Safe-T Edge"	No damage to hands/cables
Fewer components	Saves on material, labour and waste
No prefabricated fittings	Greater flexibility, saves material, labour and design time
Not more than 15% material content	Environmentally friendly – 86% re-cycled steel used
55% lighter than perforated tray	Easier to handle, less material
27% stronger than perforated tray	Greater support distances
Open mesh system	Natural drainage and ventilation (de-rate cables), no dust
Complete range of accessories	No down time on site
Complete range of stocked finishes	EZ, HDG, SS304L, SS316L

Commercial Benefits

Labour time comparison for Cablofil against traditional tray

		Traditional installation		Cablofil installation	
		Time per unit (hrs)	Total (hrs)	Time per unit (hrs)	Total (hrs)
900 mm HD ladder	120 m	1.583	189.96	0.74	88.8
Brackets	80	0.75	80	0.75	80
90° bend	3	1.033	3.099	0.96	2.88
45° bend	1	1.033	1.033	0.96	0.96
Tee	4	1.333	5.332	1	4
Crossover	0	1.5	0	1	0
450 mm HD tray	120 m	0.566	67.92	0.368	44.16
Brackets	80	0.5	40	0.5	40
90° bends	3	0.533	1.599	0.48	1.44
45° bends	1	0.533	0.533	0.48	0.48
Tee	4	0.766	3.064	0.75	3
600 mm HD 3c tray	120 m	0.8	96	0.48	57.6
Brackets	80	0.6	48	0.6	48
90° bends	3	0.666	1.998	0.58	1.74
45° bends	1	0.666	0.666	0.58	0.58
Tee	4	1.1	4.4	0.85	3.4
CF54300 wire tray	120 m	0.249	29.88	0.249	29.88
Brackets	80	0.333	26.64	0.333	26.64
90° bends	3	0.284	0.852	0.284	0.852
45° bends	1	0.284	0.284	0.284	0.284
Tee	4	0.366	1.464	0.366	1.464
Total			602.724		436.16

Information provided for cost analysis on a shopping centre project (December 2005)

Published in *Electrical and Mechanical Contractors Magazine* in April 2007

Cablofil Test – Short Circuit

SHORT CIRCUIT TESTS

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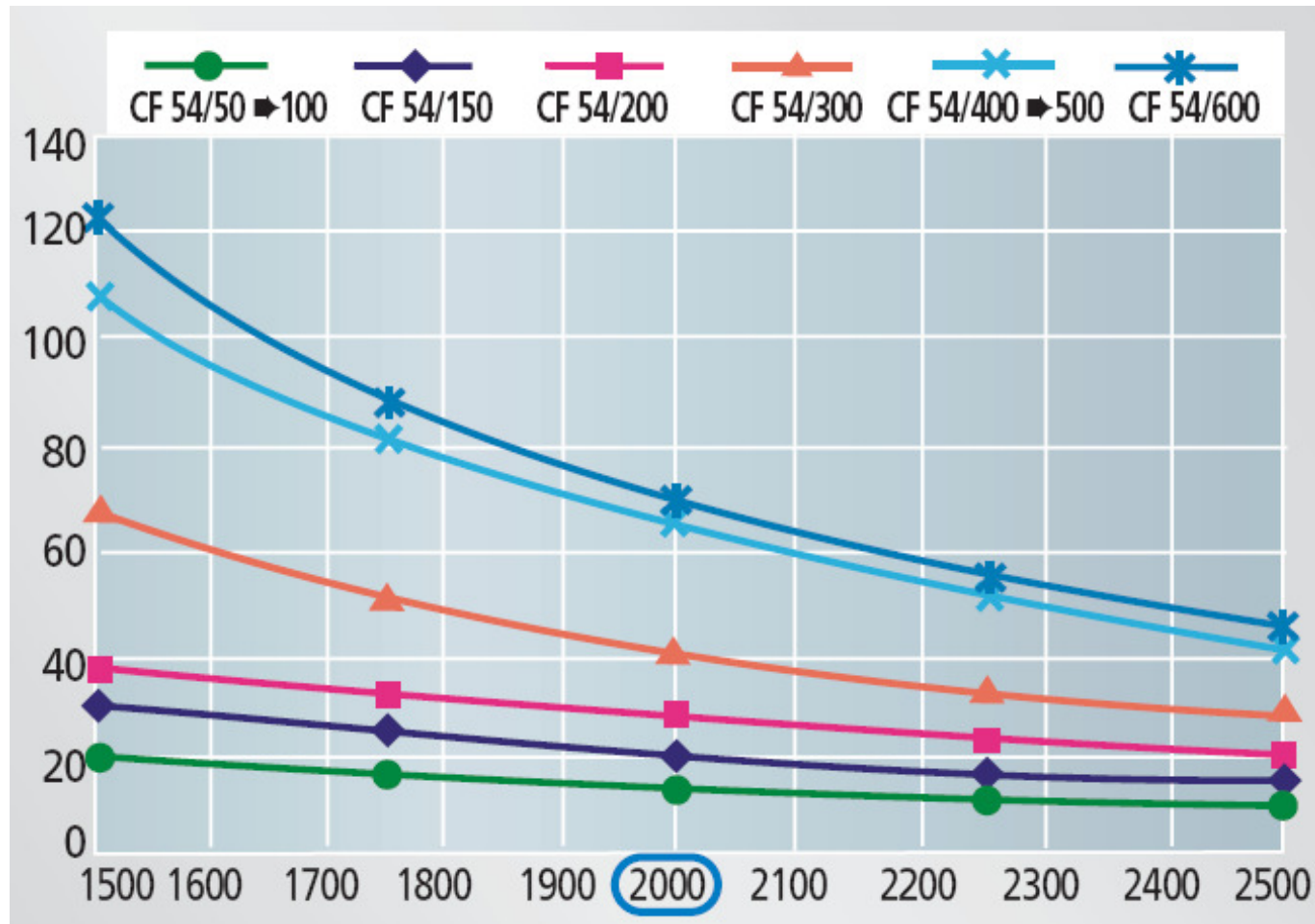
&



Hengelo, Netherlands



Cablofil Load Tests – CEI 61537



Cablofil Ultimate Load Tests



Cablofil Wire Tray Range



CF30



CF54



CF105



CF150

EZ

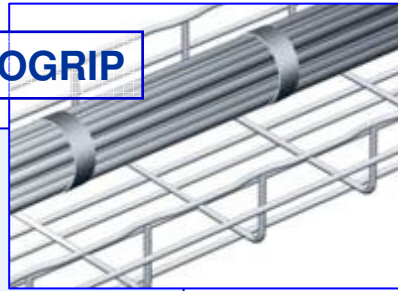
GC

304L

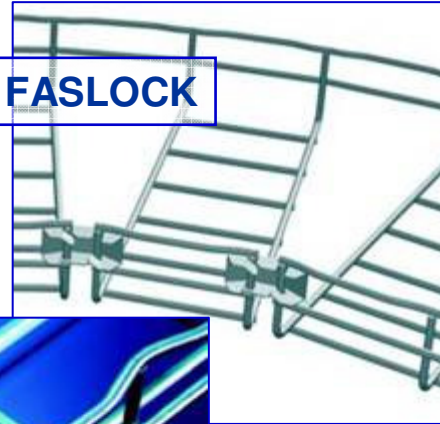
316L

Cablofil Range

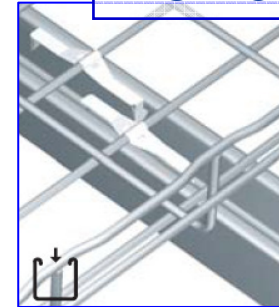
CABLOGRIP



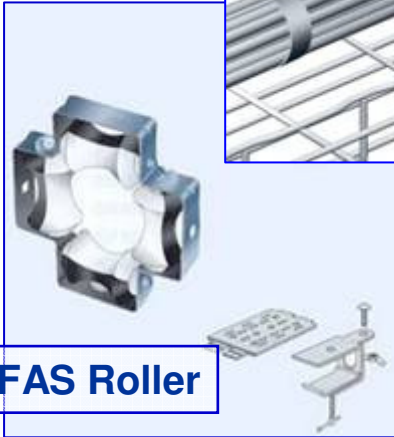
FASLOCK



FASTRUT



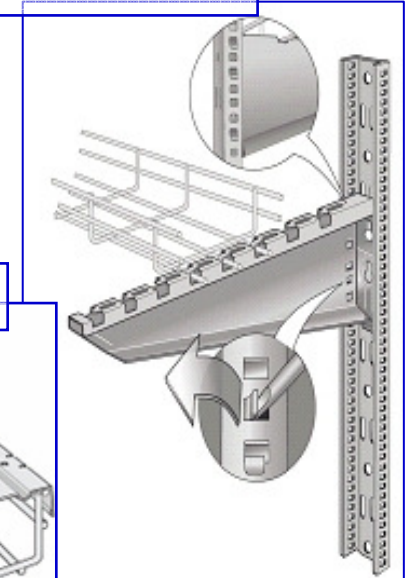
FAS Roller



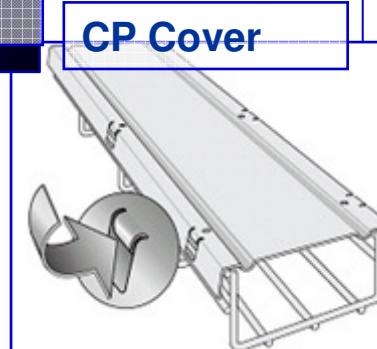
SAFETY EDGE
T welding



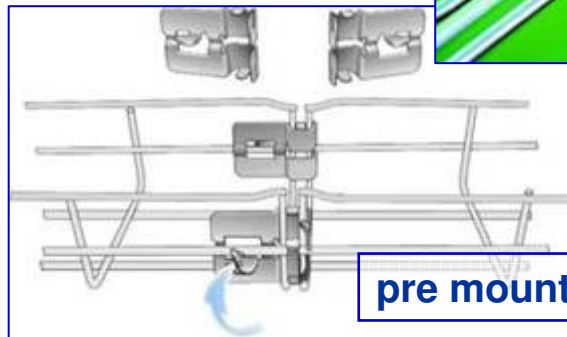
CU Bracket



CP Cover



pre mounted FASCLIC



World's Most Specified Tray



Fire Rating
Mechanical Resistance
Electrical Continuity
EMC
Corrosion
Vibration Tests
Compression Tests



Project References

- T5
- CVF / SSNACAS / Future Vessels
- Ship Building
- PFI Hospitals
- BSF Schools
- Data Centres
- Transport Infrastructure
- Waste Treatment Plants/Water Purification
- Shell Stanlow Refinery
- Offshore

Water Project References

Sea World



Water Project References

■ Sea World



Water Project References

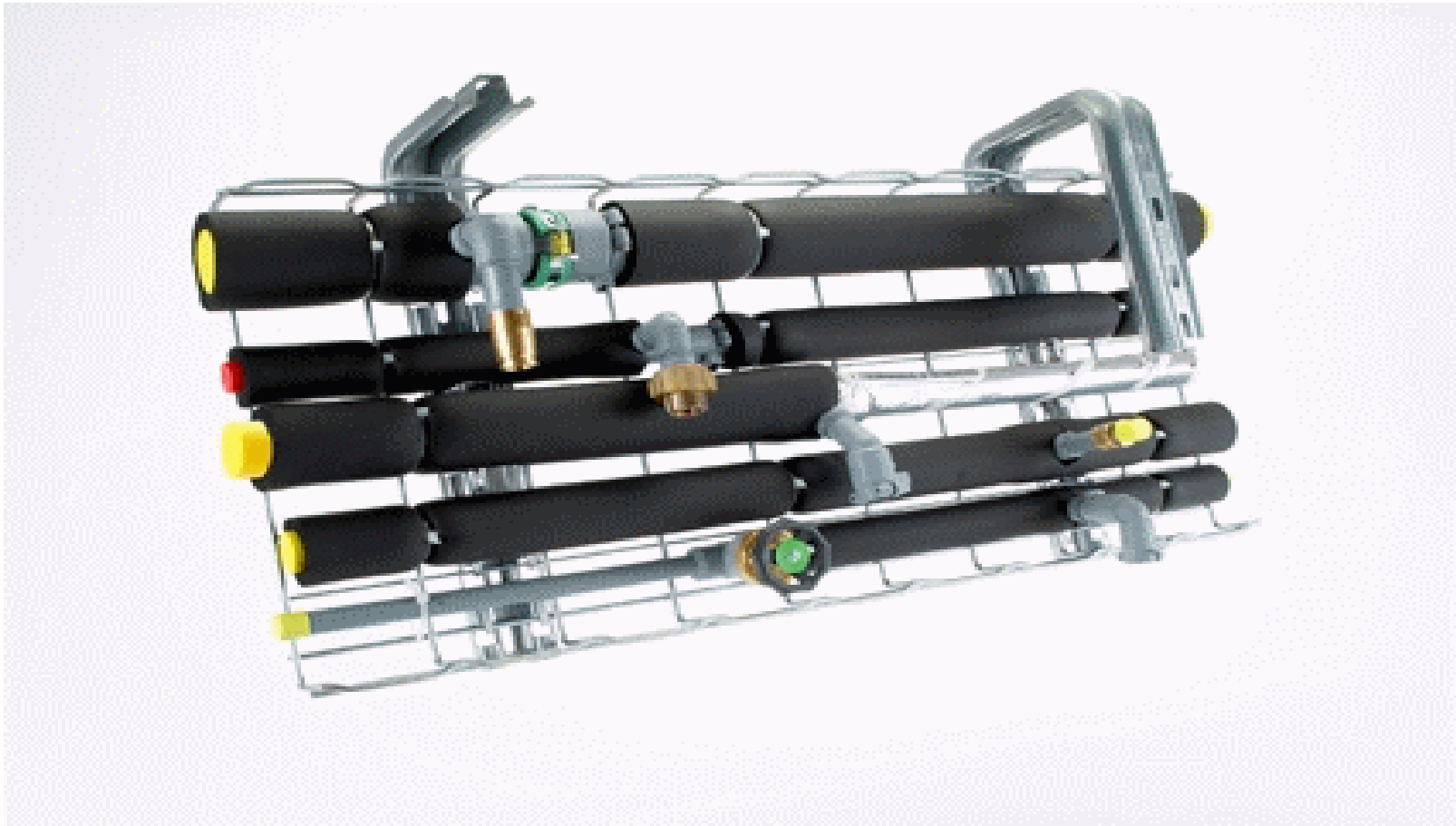
■ Swinemunde



■ Gratte River



Cablofil for Mechanical Install



Prefabricated INSTAFLEX Pipework in CABLOFIL Basket Tray



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Update Containment Specifications !