



Clinical Center, Ludwigshafen

General Description

- High-quality powder coating for substructure and metal ceiling panels
- Developed for steel application in corrosion-promoting atmospheres
- Available for all Lindner ceiling systems
- Ceiling surface can be coated in various RAL-colors
- Available in two performance categories C3 and C4 (analogical to corrosion classes according to DIN EN ISO 12944 part 6)

Design Consideration

Application areas for Meteo™ category C3 acc. to DIN EN ISO 12944 part 2:

- For components in closed premises which are frequently exposed to high air humidity at common room temperatures, e.g.:
 - Commercial kitchens
 - Bathrooms
 - Laundries
 - Moist rooms of indoor swimming facilities with low chloride concentration of Cl <250mg/l
- For outdoor components and components which are constantly exposed to exterior atmosphere:
 - Open halls
 - Lockable garages, porches, open parking garages
 - Urban and industrial atmosphere

Application areas for Meteo™ category C4 acc. to DIN EN ISO 12944 part 2:

- For components that are constantly exposed to a largely corrosion-promoting exterior atmosphere:
 - Industrial and coastal areas with salted atmosphere
- For components in closed premises that are constantly exposed to a largely corrosion-promoting atmosphere:
 - Chemical plants
 - Indoor swimming facilities with high chloride concentration

Technical Data

Corrosion Protection Tested according to DIN 18168 part 1 / EN 13964 figure 8 / EN 10169-3
DIN 55928 part 8 / DIN EN ISO 12944 part 6

Installation If profiles or panels are cut on site, the coating at the edges will be damaged. Depending on the prevailing atmosphere, cut edges can be treated with an anticorrosion painting.

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