

Paint specification

Corrosion category C2L, C4M and C5M

Corrosion category C2L	
Environment (ISO 12944-2) :2017	
Outdoor: Rural areas	
Indoor: Unheated buildings	
Painting System (ISO 12944-5)* :2019	
Surface Preparation:	Sand-blasting to SA 2½
Topcoat:	Type: Dreisodur 2K Onecoat K9763
	Number of Coats: 1
	Nominal Dry Film Thickness: 80 µm
Temperature	
Minimum:	-40°C
Maximum:	120°C
Corrosion category C4M	
Environment (ISO 12944-2) :2017	
Outdoor: Industrial- and coastal areas with moderate salinity	
Indoor: Chemical plants, swimming pools, coastal ships and boatyards	
Painting system (ISO 12944-5) :2019	
Surface Preparation:	Sand-blasting to SA 2½
Primer:	Type: Dreisodur-2-K-EP-ZP-Grund G5510 or Dreisodur 2K-AC Grund G0200
	Number of Coats: 1-2
	Nominal Dry Film Thickness: 100 µm
Topcoat:	Type: Dreisodur 2K Onecoat K9763
	Number of coats: 1-2
	Nominal Dry Film Thickness: 100 µm
Total Nominal Dry Film Thickness	Primer + Topcoat: 200 µm
Temperature	
Minimum:	-40°C
Maximum:	120°C
Corrosion category C5M	
Environment (ISO 12944-2) :2017	
Outdoor: Coastal and offshore areas with high salinity	
Indoor: Buildings or areas with almost permanent condensation and with high pollution	
Painting System (ISO 12944-5)* :2019	
Surface Preparation:	Sand-blasting to SA 2½
Primer: 120 µm	Type of Primer: Dreisodur-2-K-EP-ZP-Grund G5510 or Dreisodur 2K-AC Grund G0200
	Number of coats: 1-2
Topcoat: 120 µm	Type of Topcoat: Dreisodur 2K Onecoat K9763
	Number of coats: 1-2
	Nominal Dry Film Thickness: 120my
Total Nominal Dry Film Thickness	Primer + Topcoat: 240 µm
Temperature	
Minimum:	-40°C
Maximum:	120°C

* The thickness is dependent on the paint product specification and paint supplier and may therefore vary. Sondex reserves the right, at any time to change the thickness according to choice of supplier and paint. However, Sondex guarantees that the choice at all times will comply with the selected category according to ISO 12944-2 (C2L/C4M/C5M). Standard colour choice is RAL 5010, but all other RAL colours can be chosen if specified.

For hot-dip galvanization refer to DS/EN ISO 1461:2009
For electrogalvanization refer to DS/EN ISO 2081:2009

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