

ISO 12944-5:2007-09 (E)

Paints and varnishes - Corrosion protection of steel structures by protective paint systems - Part 5: Protective paint systems

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Types of paint	4
4.1	General	4
4.2	Reversible coatings	4
4.3	Irreversible coatings	4
4.4	General properties of different generic types of paint	7
5	Paint systems	7
5.1	Classification of environments and surfaces to be painted	7
5.2	Type of primer	8
5.3	Low-VOC paint systems	9
5.4	Dry film thickness	9
5.5	Durability	9
5.6	Shop and site application	10
6	Tables for protective paint systems	11
6.1	Reading the tables	11
6.2	Parameters influencing durability	11
6.3	Designation of the paint systems listed	12
6.4	Guidelines for selecting the appropriate paint system	12
Annex A (informative) Paint systems		13
Annex B (informative) Pre-fabrication primers		23
Annex C (informative) General properties		25
Annex D (informative) Volatile organic compounds (VOCs)		26
Bibliography		28