

ISO 11347:2024-10 (E)

Ships and marine technology - Large yachts - Measurement and assessment of the visual appearance of coatings

Contents

Page

Foreword.....	iv
Introduction.....	v
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Evaluations.....	2
4.1 General.....	2
4.2 Measurable effects.....	3
4.3 Visually assessed effects.....	3
4.3.1 Group 1: point defects.....	3
4.3.2 Group 2: localized defects.....	3
4.3.3 Group 3: generalized defects.....	3
5 Measurable effects and visually assessed effects (including test and recording methods).....	4
5.1 Measurable effects.....	4
5.1.1 Fairness.....	4
5.1.2 Distinction of image.....	4
5.1.3 Orange peel.....	4
5.1.4 Microstructure.....	5
5.1.5 Colour.....	5
5.1.6 Gloss.....	5
5.1.7 Particulate contamination.....	6
5.2 Visually assessed effects.....	6
5.2.1 General.....	6
5.2.2 Group 1: point defects.....	6
5.2.3 Group 2: localized defects.....	8
5.2.4 Group 3: generalized defects.....	10
Annex A (normative) Test method for measuring the fairness of coatings.....	12
Annex B (normative) Test method for measuring the distinction of image of coatings.....	13
Annex C (normative) Test method for measuring orange peel of coatings.....	15
Annex D (normative) Test method for measuring microstructure of coatings.....	17
Annex E (normative) Test method for colour measurement of coatings.....	19
Annex F (normative) Test method for gloss measurement of coatings.....	21
Annex G (normative) Test method for measuring particulate contamination of coatings.....	23
Annex H (normative) Recording method for group 1: point defects in coatings.....	24
Annex I (normative) Recording method for group 2: localized defects in coatings.....	25
Annex J (normative) Recording method for group 3: generalized defects in coatings.....	27
Bibliography.....	28