

Supplementary

Evaluation of Anticorrosion Coatings for Offshore Wind Turbine Monopiles for an Optimized and Time-Efficient Coating Application

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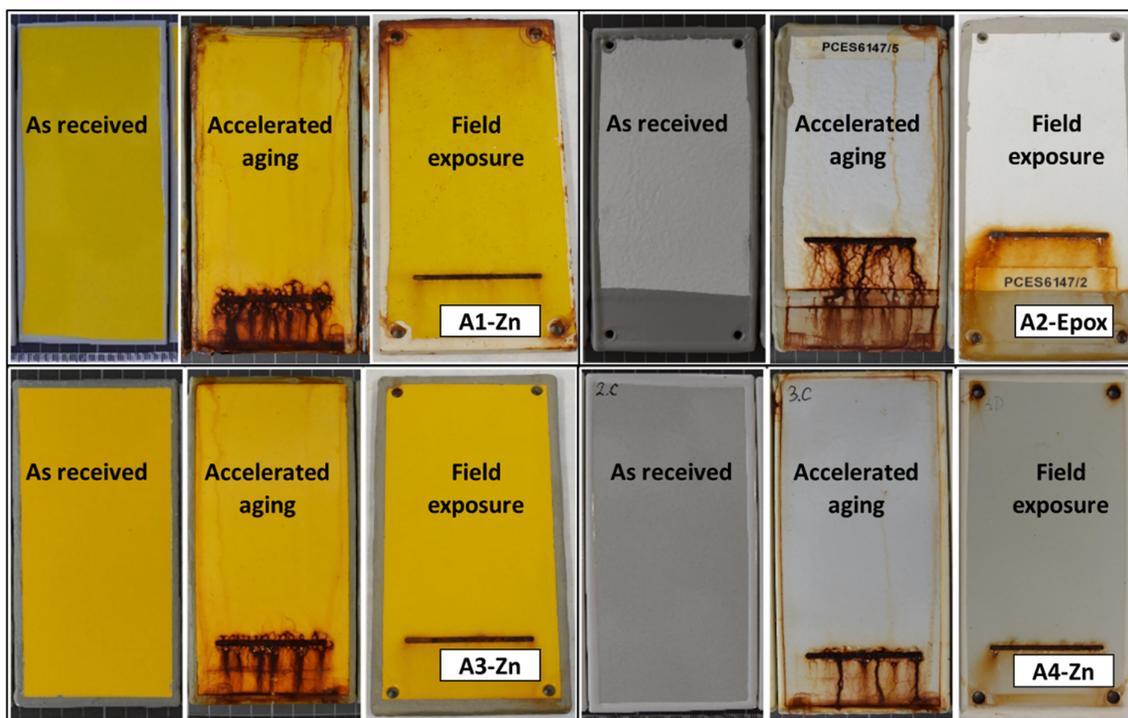


Figure S1. Visual appearance of the atmospheric zone test panels: as received, after accelerated laboratory aging and after field exposure.

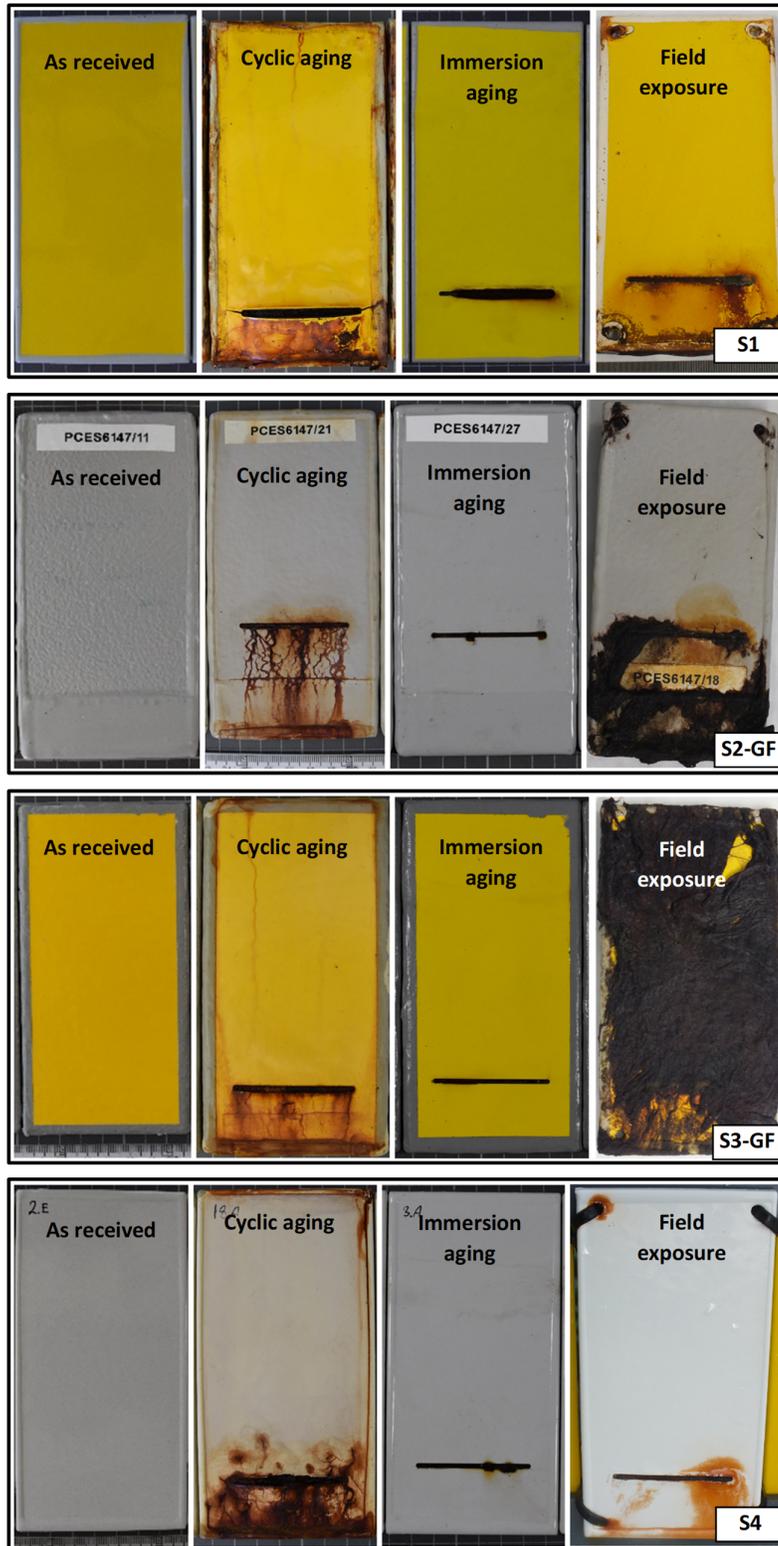


Figure S2. Visual appearance of the splash zone test panels: as received, after accelerated laboratory aging and after field exposure.

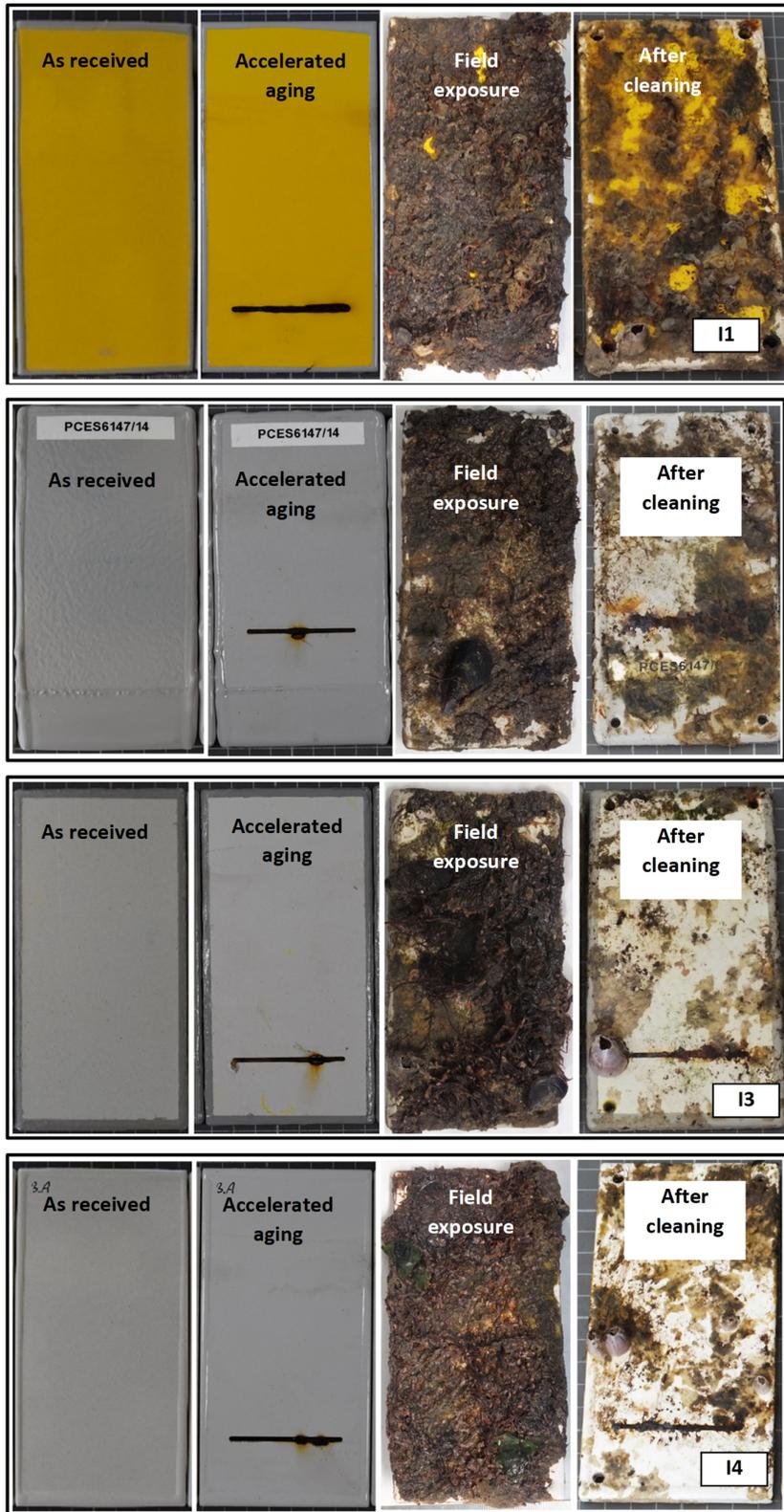


Figure S3. Visual appearance of the submerged zone test panels: as received, after accelerated laboratory aging, after field exposure and after cleaning employing high pressure water gun.

Table S1. Cathodic protection data for splash zone coatings.

Reference		Blistering ISO 4628-2:2016	Cathodic Disbonding (mm)
System	Panel N°		
S1	Reference panel	0 (S0)	11
	1	0 (S0)	0
	2	0 (S0)	0
	3	0 (S0)	0
S2-GF	Reference panel	0 (S0)	12
	1	0 (S0)	0
	2	0 (S0)	0
	3	0 (S0)	0
S3-GF	Reference panel	0 (S0)	22
	1	0 (S0)	19
	2	0 (S0)	18
	3	0 (S0)	24
S4	Reference panel	0 (S0)	0
	1	0 (S0)	0
	2	0 (S0)	0
	3	0 (S0)	0

Table S2. Cathodic protection data for submerged zone coatings.

Reference		Blistering ISO 4628-2:2016	Cathodic Disbonding (mm)
System	Panel N°		
I1	Reference panel	3 (S4)	0
	1	3 (S4)	0
	2	3 (S4)	0
	3	3 (S4)	0
I2-GF	Reference panel	0 (S0)	14
	1	0 (S0)	20
	2	0 (S0)	14
	3	0 (S0)	23
I3	Reference panel	0 (S0)	41
	1	1 (S4)	38
	2	0 (S0)	35
	3	0 (S0)	23
I4	Reference panel	0 (S0)	0
	1	0 (S0)	0
	2	0 (S0)	0
	3	0 (S0)	0