Supplementary

Sacrificial Dissolution of Zinc Electroplated and Cold Galvanized Coated Steel in Saline and Soil Environments: A Comparison

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Table S1. Average roughness values of mild steel and coated panels.

Sample	Average Roughness (R_a) (µm)
MS	4.12
GS	0.45
BS	1.15
DS	0.80

Table S2. Chemical composition of soil.

Description		Composition
pH of the soil paste		8.01
Sodium Adsorption Ratio (S.A.R)		5.3
% Saturation		41
Soluble Cations (mg/L)	Ca + Mg	3.5
	Na	7.0
	K	0
Soluble Anions (mg/L)	CO_3^-	-
	HCO_3^-	2.0
	Cl^-	1.25
	SO_4^-	7.25
% Sand (1–2 mm)		1.0
% Sand (0.05–1 mm)		5.7
% Silt		67.3
% Clay		26.0

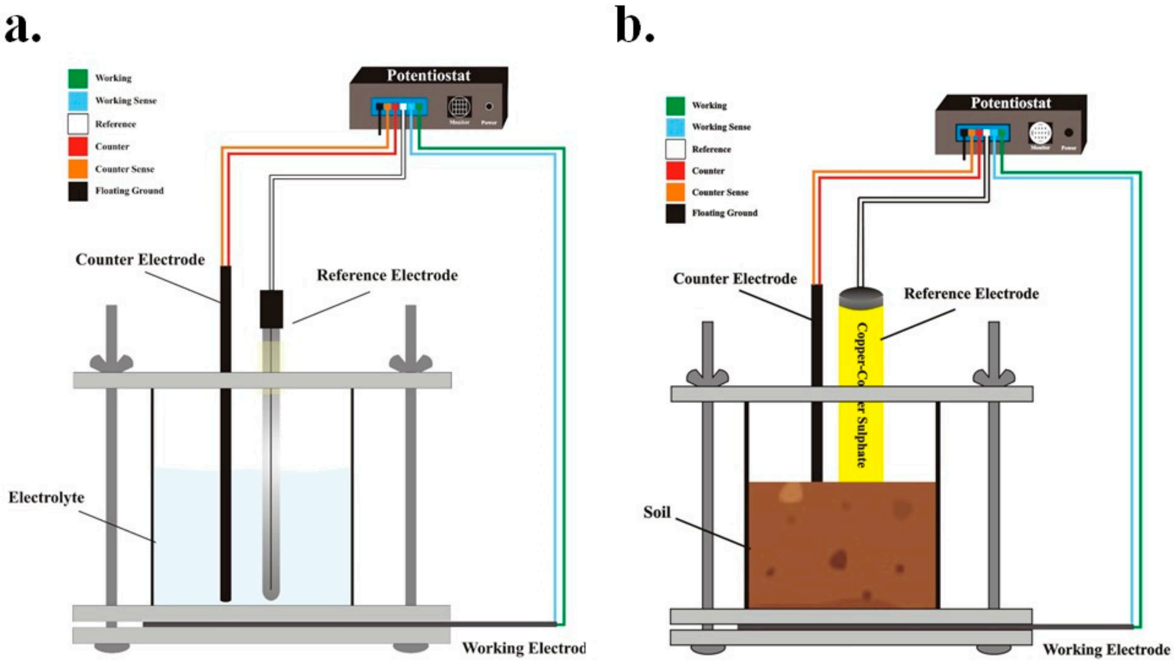

Figure S1. Schematic diagram of paint cell (**a**) 3.5 % NaCl (**b**) Saline soil.