

**Data related to the deteriorated paint samples collected from Assiut University hospitals.**

No.	Medical units	Site of deterioration	Description the deterioration	Environmental conditions:	
				Temperature (T)	Relative humidity (H)
1	Receiving Care Injuries	Examination & diagnosis unit	Uneven color Gloss reduction chalkiness	T: 25 °C H: 50 %	
2	Reception Injuries	Corridor 1	Color shifting to pale brown Gloss reduction	T: 24 °C H: 43 %	
3	Reception Injuries	Corridor 2	Color shifting to dark brown Gloss reduction Poor adhesion	T: 25 °C H: 50 %	
4	Reception Injuries	Bath room	Color shifting to dark brown Gloss reduction Poor adhesion	T: 24 °C H: 55 %	
5	Echocardiography Clinics	Corridor	Color shifting to dark brown Gloss reduction Poor adhesion	T: 25 °C H: 50 %	
6	Digestive system Diseases Clinics	Corridor	Color shifting to dark brown Gloss reduction Poor adhesion Porous film	T: 26 °C H: 50 %	
7	Respiratory Intensive Care Unit (RICU)	Doorway	Off-color Uneven color Gloss reduction Agglomeration	T: 27 °C H: 42 %	
8	Orthopedic Surgery Department	Doorway	Color shifting to brown Gloss reduction Poor adhesion	T: 28 °C H: 40 %	
9	Emergency Pharmacy	Doorway	Color shifting to brown Gloss reduction	T: 24 °C H: 43 %	
10	Nervous Clinics	Doorway	Color shifting to dark brown Gloss reduction Poor adhesion Porous film	T: 27 °C H: 50 %	
11	Ophthalmology Department	Corridor 1	Color shifting to brown Gloss reduction Agglomeration Poor adhesion	T: 27 °C H: 45 %	
12	Ophthalmology Department	Corridor 2	Off-color Porous film Poor adhesion	T: 27 °C H: 45 %	
13	Special care unit ( the 5 <sup>th</sup> Department)	Corridor	Color shifting to brown Gloss reduction Poor adhesion Agglomeration	T: 27 °C H: 50 %	
14	Special care unit ( the 5 <sup>th</sup> Department)	Administrative office	Off-color Porous film Poor adhesion Color shifting to brown	T: 27 °C H: 42%	
15	South Egypt Cancer Institute	Patient rooms	Color shifting of to brown Gloss reduction Poor adhesion	T: 26 °C H: 48 %	



Photos of deteriorated paint samples collected from different sites in Assiut University hospitals.



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