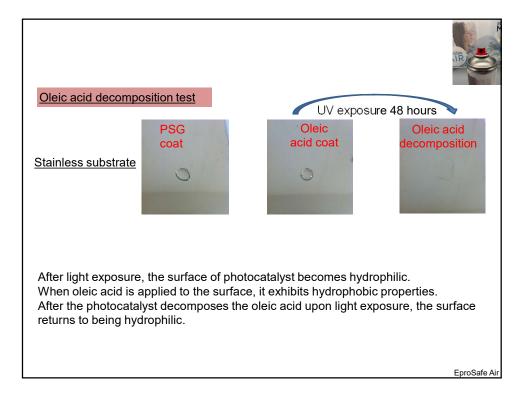
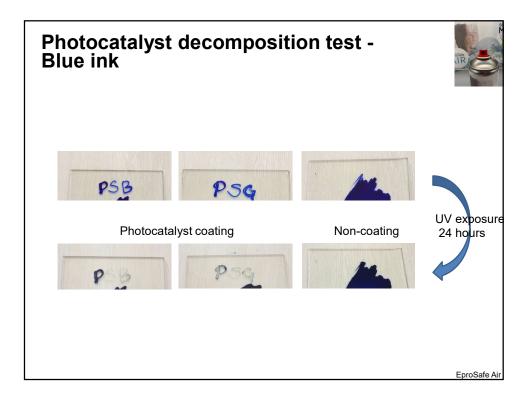


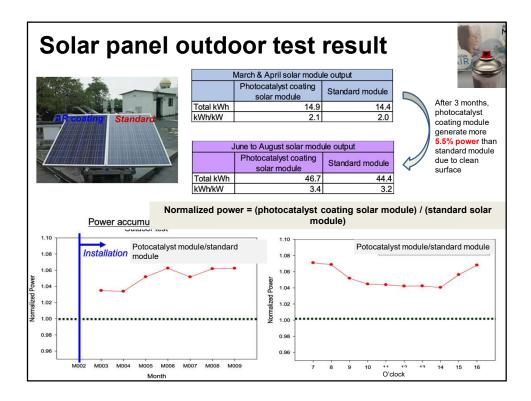
hotocatalyst & Nano-silver				
	Photocatalyst	Nano-Silver		
Efficient of sterilization	Highest(UV & Sunlight) Medium(Visible light) None(No light)	Medium		
Safety	High	Some countries concern		
appearance	Light yellow	Light gray		
Life time	Over 2 years	3 – 6 months		
		EproS		









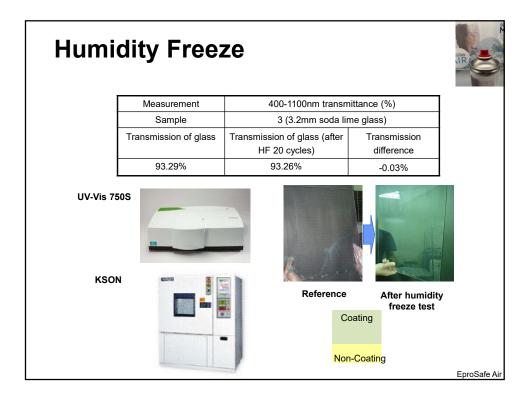


Photocatalyst reliability test				
	Picture			
Salt mist test on stainless substrate (Dip in 10% NaCl one week)	Non-coating	ating		
		EproSafe Ai		

ProSafe Air Reliability Test Summary Test item Test condition Test result Standard condition Standard reference					
lest item	lest condition	lest result	Standard condition	Standard reference	
Damp heat	2000 hours	∆T<0.1%	1000 hours	IEC 61215	
Thermal cycling	400 cycles	∆T<0.6%	200 cycles	IEC 61215	
Humidity freeze	20 cycles	∆T<0.3%	10 cycles	IEC 61215	
UV	60 kWh	∆T<0.3%	15 kWh	IEC 61215	
Salt mist	96 hours	∆T<0.6%	96 hours	IEC 61701	
Acid Resistance	1 M HCI	∆T<0.3%	1 M HCI		
△T should be lower than 0.8%					

Mesurement	400-1100nm transmittance (%)				
sample	3 (3.	2mm soda lime glass)			
Transmission of glass	Transmission of glass (after DH 1000 hours)				
93.34%	93.21%	93.32%	-0.05%		
UV-Vis 750S					
KSON	Refer	ence After DH1000	After DH2000		

hermal C	;ycle		JR
Measurement	400-1	1100nm transmittance (%)	
Sample	3 (3.2mm soda lime glass)		
Transmission of glass	Transmission of glass (after TC 200 cycles)	er Transmission of glass (after Transmiss TC 400 cycles) difference	
93.27%	92.65%	92.71%	-0.56%
KSON			1



UV Ex	posure			TR
]	Measurement	400-1100nm transn	1	
	Sample	3 (3.2mm soda li		
	Transmission of glass	Transmission of glass (after UV 60kWh)	Transmission difference	
	93.38%	93.28%	-0.10%	
UV-Vis 750S				
UV04-1	017	Refere	Coating Non-Coating	JV EproSafe Air

