

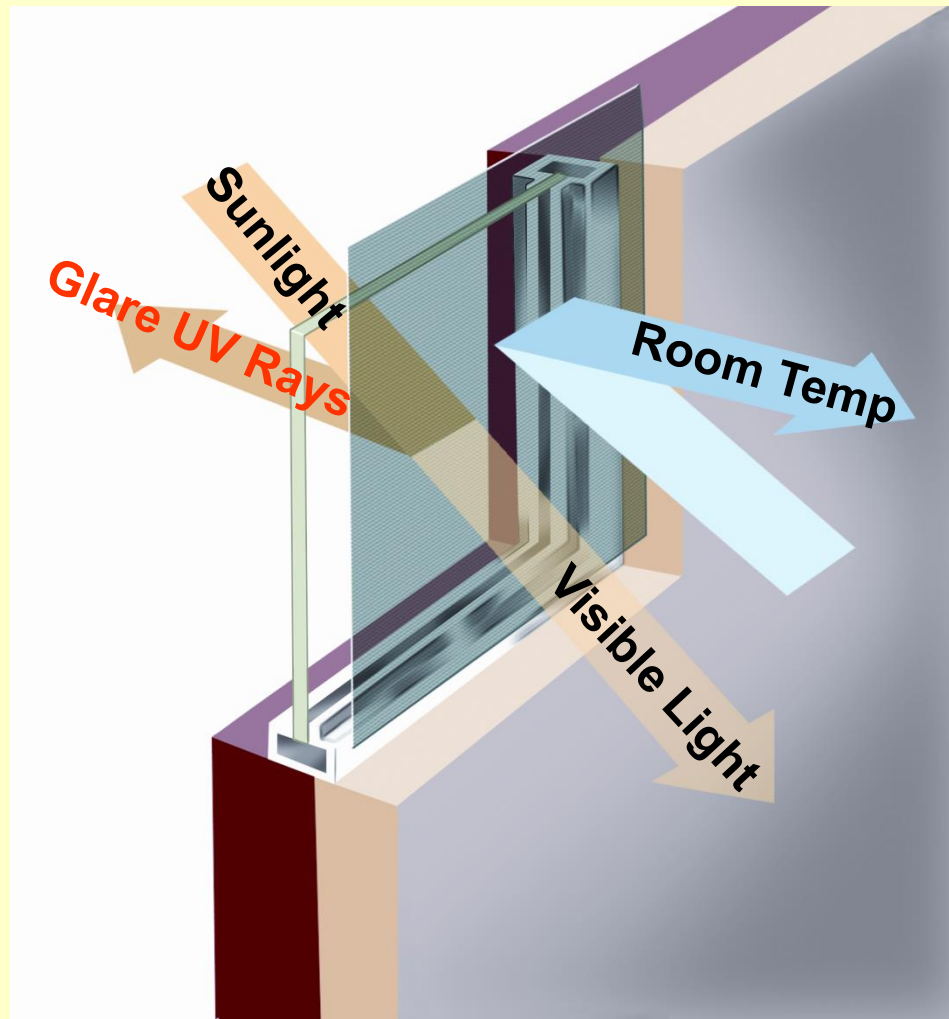
僑港伍氏宗親會伍時暢紀念學校

**THE HK ENG CLANSMAN ASSOCIATION WU SI
CHONG MEMORIAL SCHOOL**

Solar Control Film – Test Report

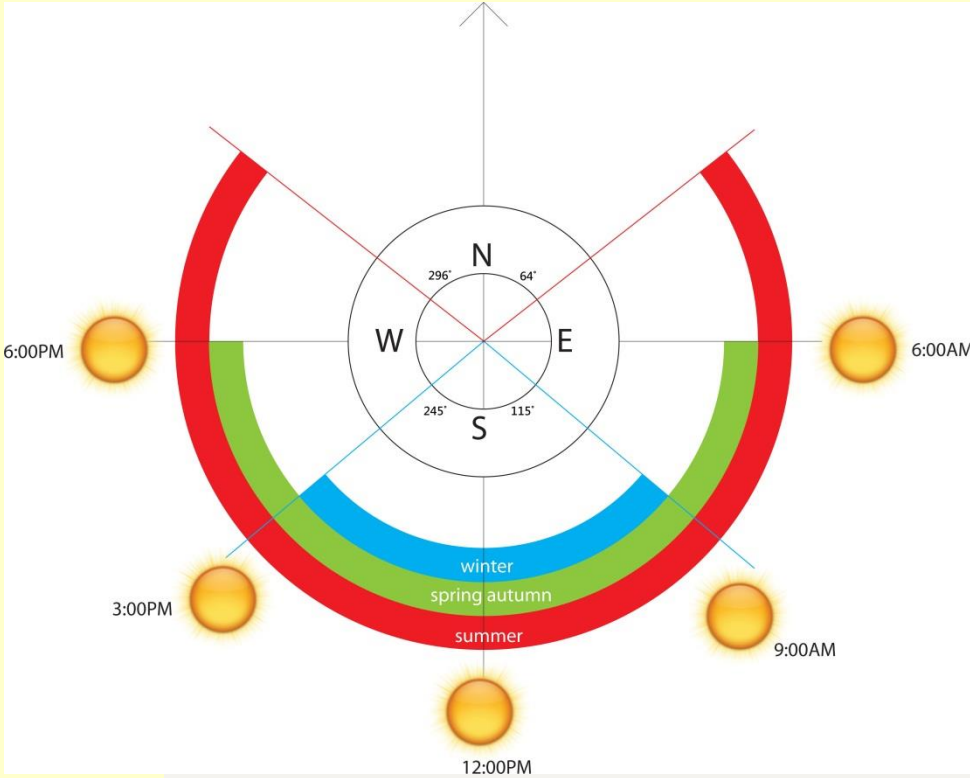
Date : 19 NOV 2013

Solar Control Film:




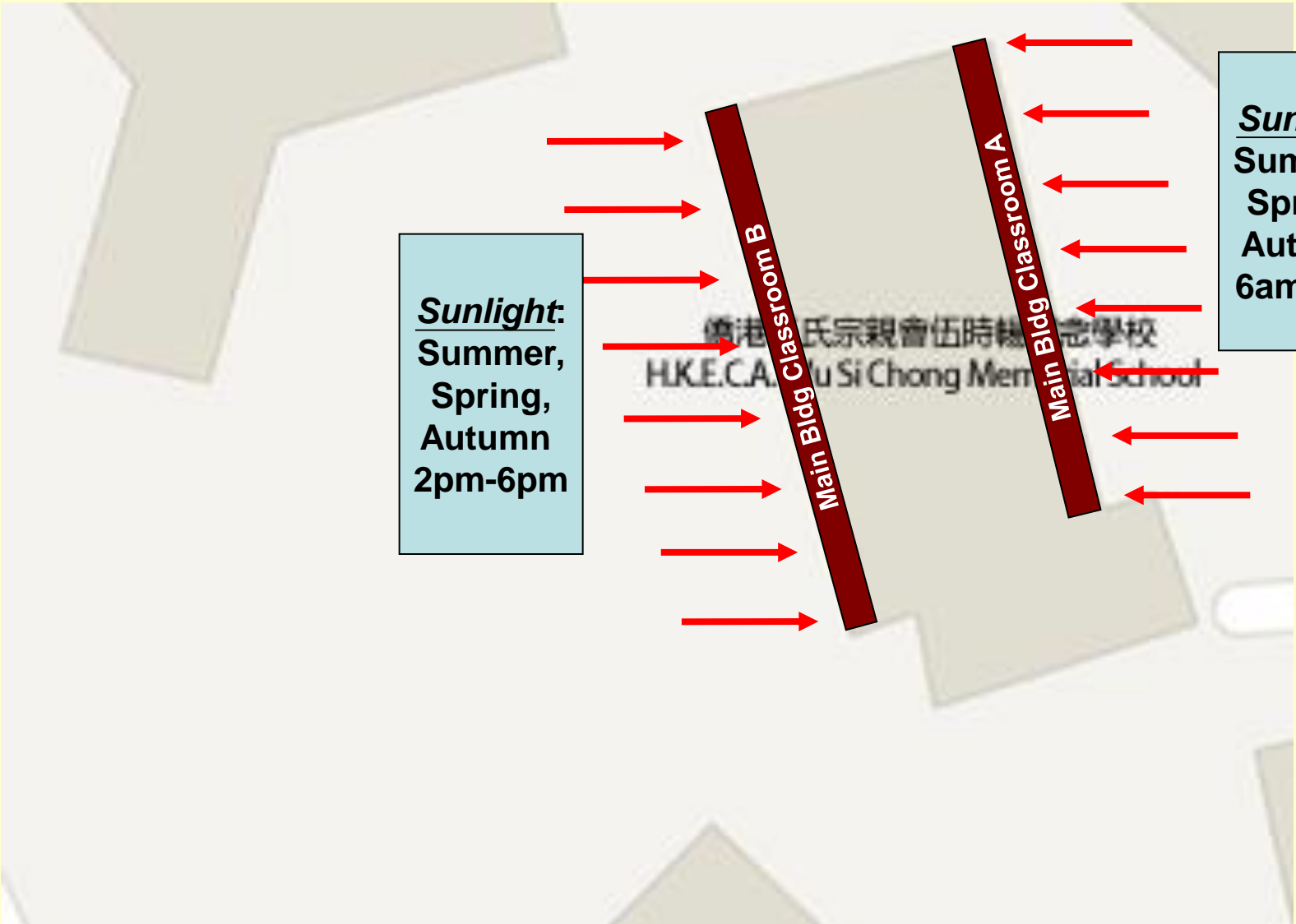
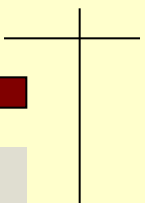
Location of School (1/F – 6/F)

Window Locations = 



Location of School (1/F – 6/F)

Window Locations = 



Sunlight:
Summer,
Spring,
Autumn
2pm-6pm

Sunlight:
Summer,
Spring,
Autumn
6am-1pm

香港 氏宗親會伍時維 念學校
H.K.E.C.A. Wu Si Chong Memorial School

1. Location of window

(1 - 5/F – Main Bldg Classroom A)



Location

Main Bldg Classroom A– 1-5/F

Width"

128

Height"

50

Unit

40

Area (Sq)

1,778

Direction

EAST

2. Location of window

(1 - 6/F – Hall / Main Bldg Classroom B)



Location	Width"	Height"	Unit	Area (Sq)	Direction
Hall	128	80	4	284	WEST
Main Bldg Classroom B- 1-6/F	128	50	23	1022	WEST

Summary

Direction	Window Area
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EAST	1,778 Sqft
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WEST	1,306 Sqft
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Total Area	3,084 Sqft
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Detail of Testing day

Date: 19th NOV,2013

Temperature: 21°C

UV: 3

Film model: CXP80

Total Solar Energy Rejected: 44%

Visible Light Transmittance: 80%

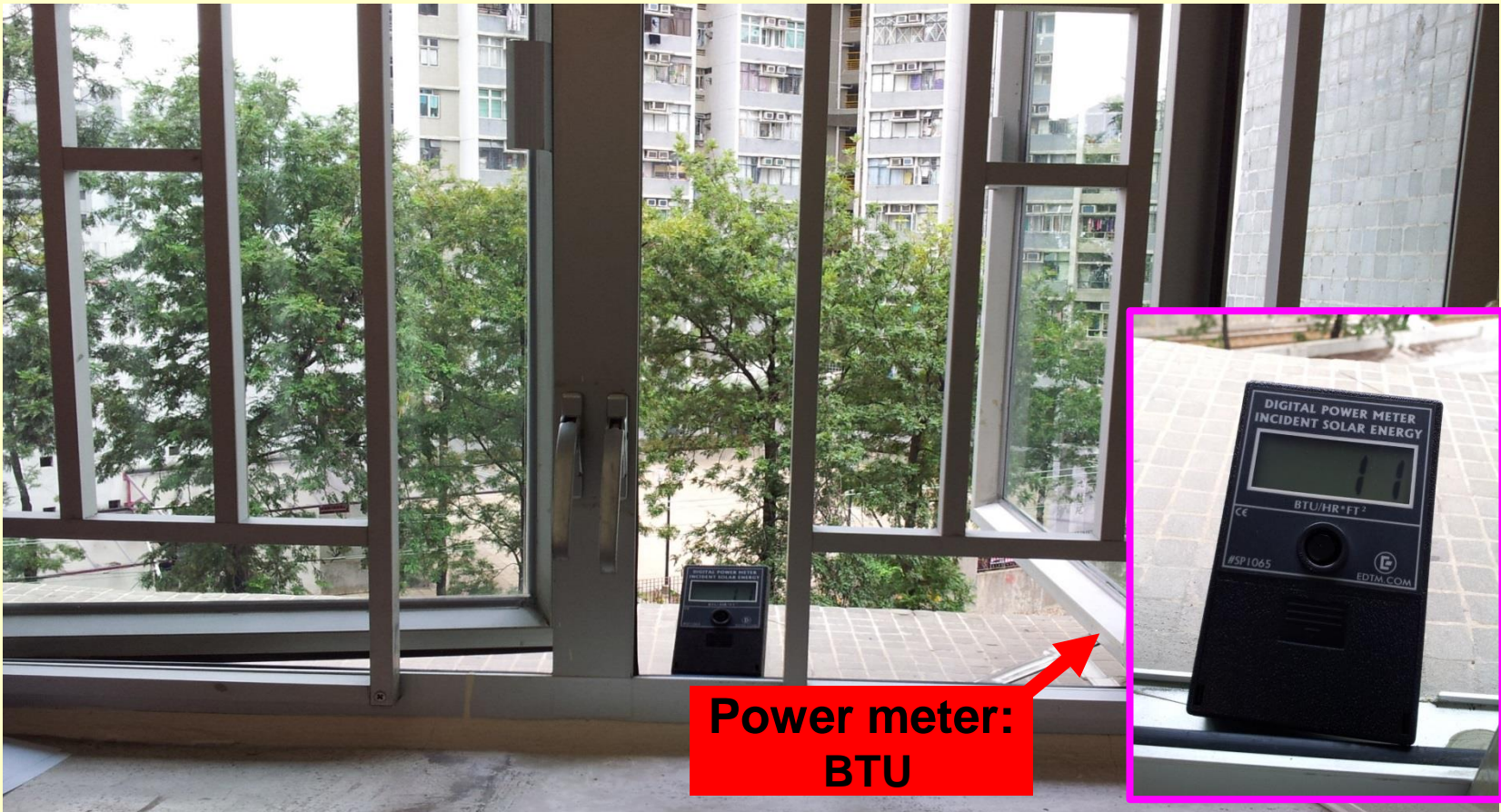
The different between coated and uncoated will not so big Due to the external factor (weather) affects



Solar Heat Test: *Before VS* After Solar Film install

Location : East

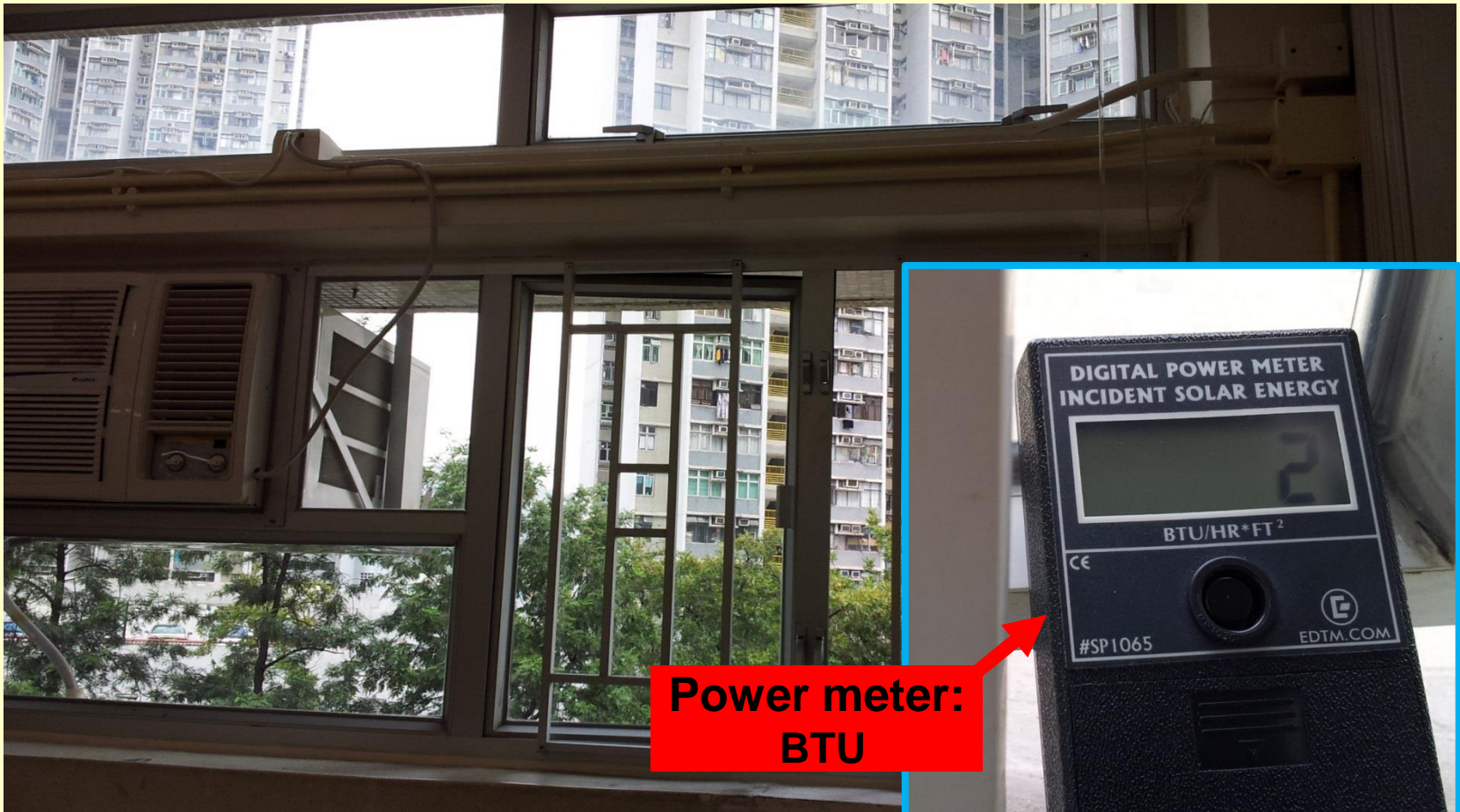
Without Window Film



Solar Heat Test: *Before VS* After Solar Film install

Location : East

With Window Film

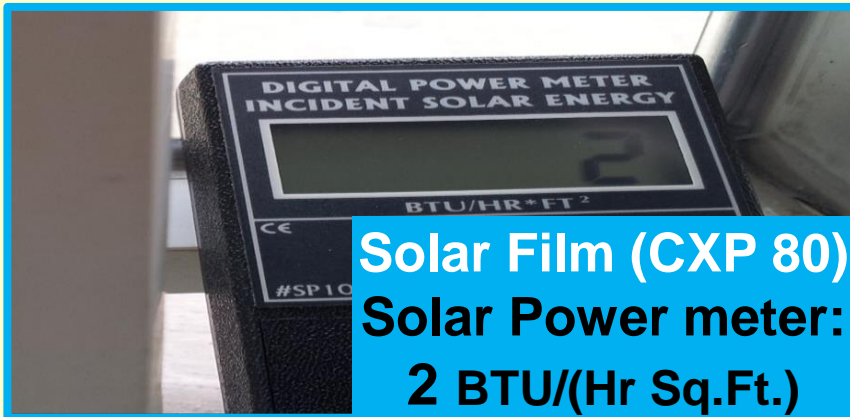


Solar Heat Test: *Before VS* After Solar Film install

Location : East



Without Window Film
Solar Power meter:
11 BTU/(Hr Sq.Ft.)



Solar Film (CXP 80)
Solar Power meter:
2 BTU/(Hr Sq.Ft.)

Total Energy Rejected:

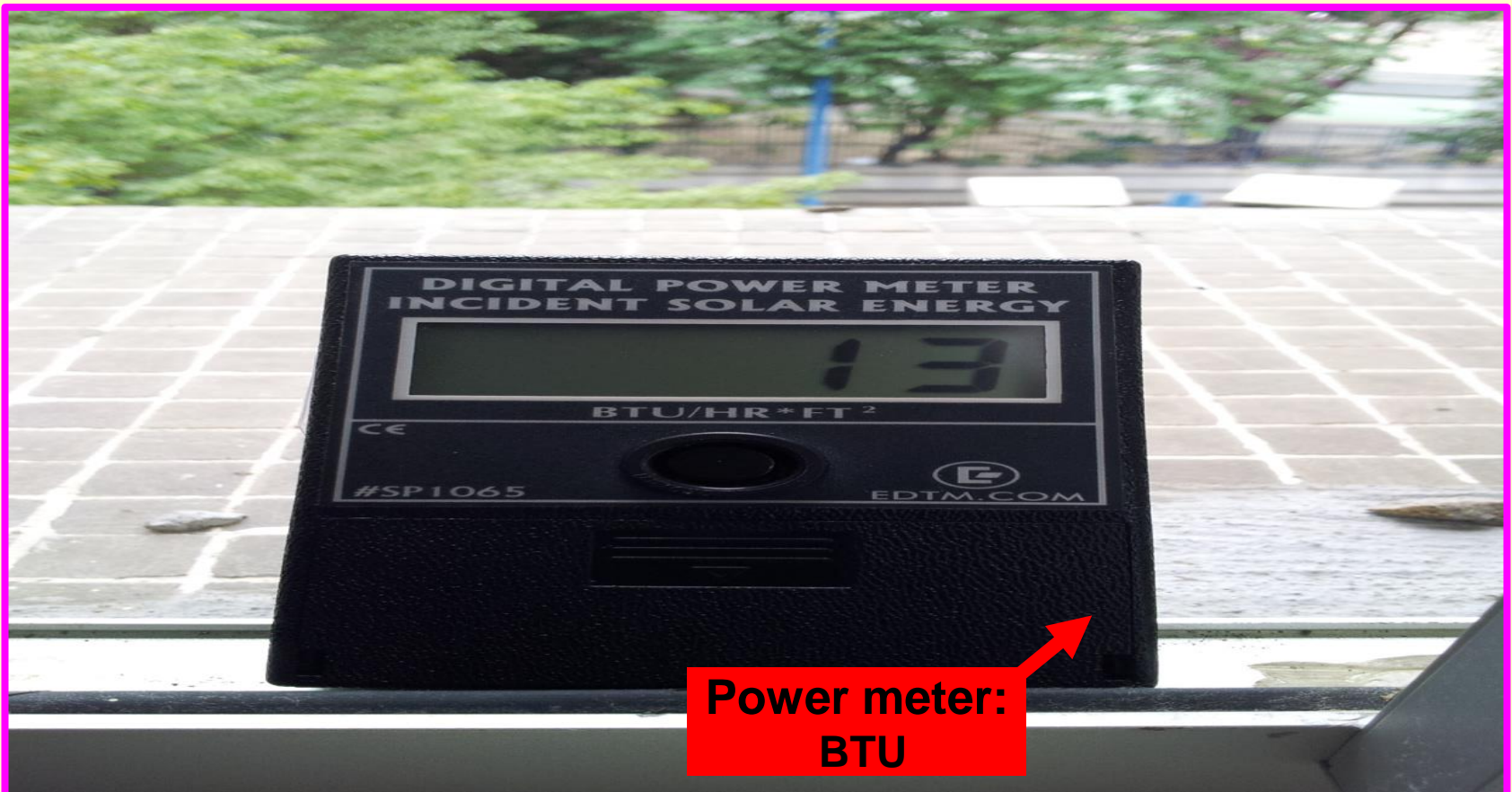
82%

*** The different between with and without window film will not be so big Due to the external factor (weather) affects

Solar Heat Test: *Before VS* After Solar Film install

Location : West

Without Window Film

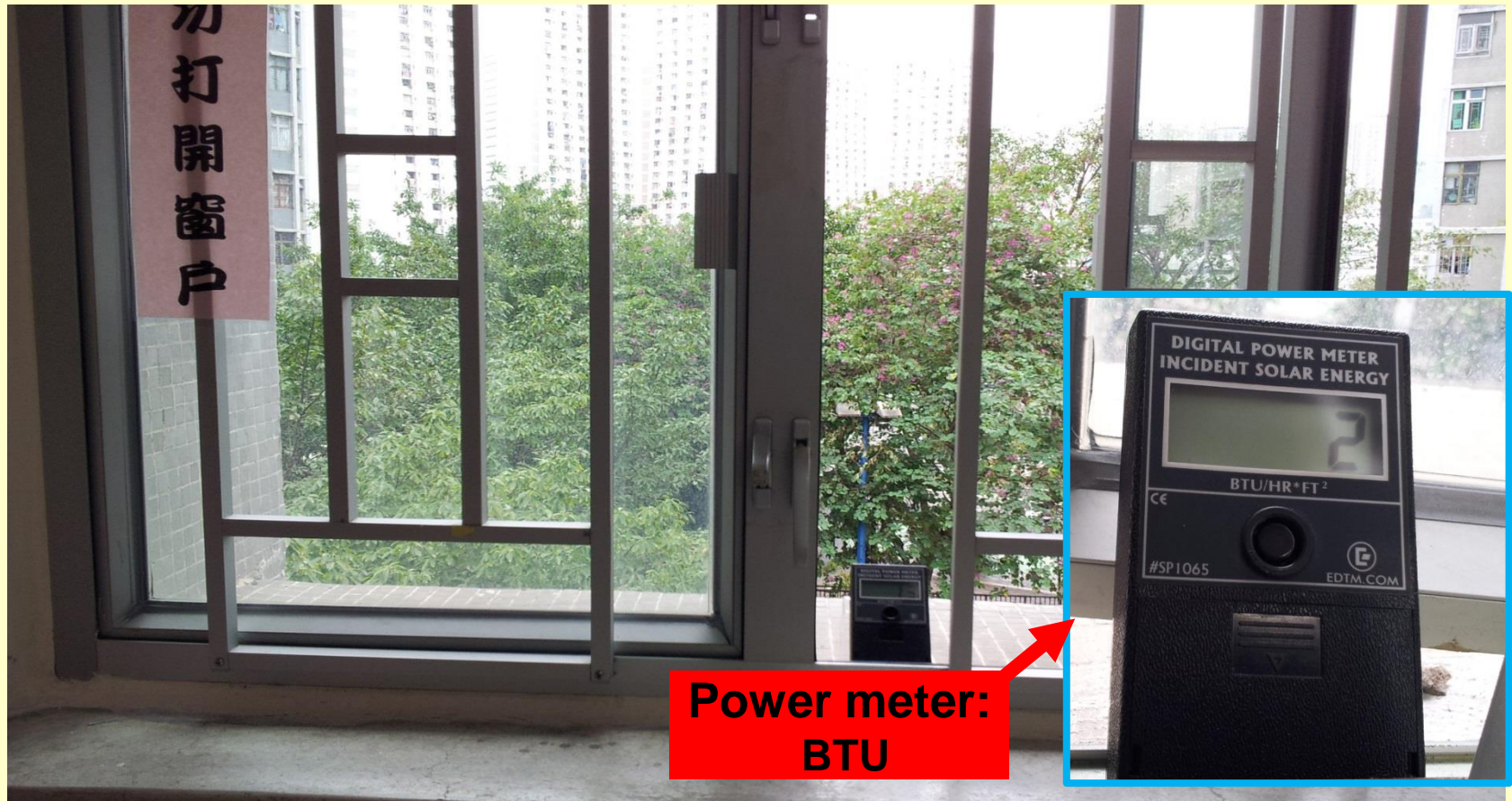


Power meter:
BTU

Solar Heat Test: *Before VS* After Solar Film install

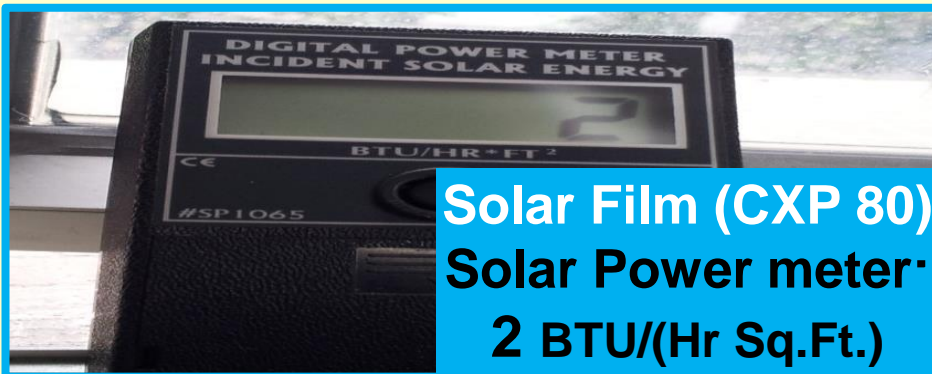
Location : West

With Window Film



Solar Heat Test: *Before VS* After Solar Film install

Location : West



Total Energy Rejected:

92%

*** The different between with and without window film will not be so big Due to the external factor (weather) affects