

koolmax

Energy-Saving Glass Kool Max

Embrace energy-saving and environmental conservation trends with the "Kool Max" energy-saving glass series. TYK presents high-performance glass that allows minimal heat transmission into buildings while maximizing light transmission, offering excellent value with performance that exceeds its price point. Every model in the series is designed and developed with a focus on helping buildings achieve LEED, WELL, or EIA certification standards. With various product options including laminated safety glass (double layer) or insulated glass, and design options in clear, grey, and green tones, you can choose high-performance energy-saving glass that perfectly matches your design requirements and budget.

Glass Performance

Product Name	Visible Light			Solar Heat Gain Coefficient (SHGC)	U-Value (W/m ² K)	Light to Solar Gain
	Transmittance (%)	Reflect Out (%)	Reflect In (%)			
KM Clear: KM-LC65	66	10	4	0.53	3.70	1.25
KM Grey: KM-LG45	43	15	6	0.35	3.18	1.23
KM Green: KM-LN70	68	7	7	0.51	5.07	1.33
KM Clear Plus: KM-LG55	55	15	11	0.43	2.75	1.28
KM Premium Clear: KM-IC70	70	13	14	0.38	1.25	1.84
KM Premium Dark Smoke: KM-IS50	49	13	18	0.26	1.23	1.88

Product Specifications

กระจกลามิเนต | Laminated Glass

KM Clear: KM-LC65

Color = Light Grey
VLT = 66%
SHGC = 0.53
LSG = 1.25



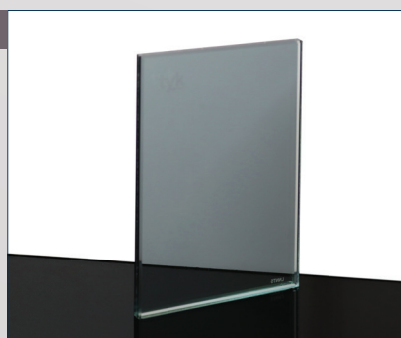
Interior Perspective



Exterior Perspective

KM Grey: KM-LG45

Color = Dark Grey
VLT = 43%
SHGC = 0.35
LSG = 1.23



Interior Perspective



Exterior Perspective

Product Specifications

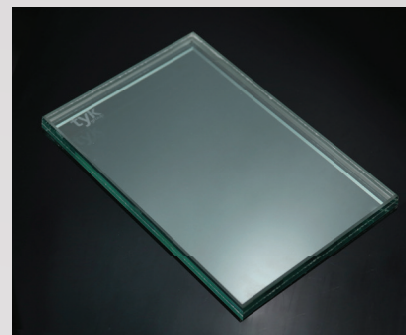
Laminated Glass

KM Green: KM-LN70

Color = Light Green
VLT = 68%
SHGC = 0.51
LSG = 1.33



Interior Perspective



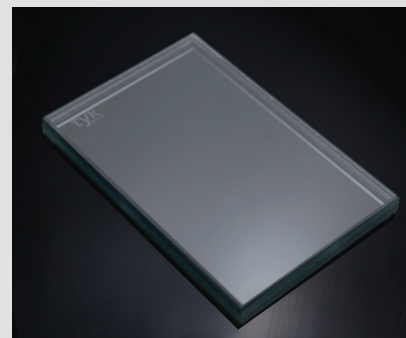
Exterior Perspective

KM Clear Plus: KM-LG55

Color = Light Grey
VLT = 55%
SHGC = 0.43
LSG = 1.28



Interior Perspective



Exterior Perspective

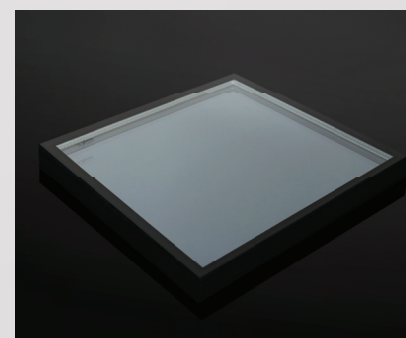
Insulated Glass

KM Premium Clear: KM-IC70

Color = Clear
VLT = 70%
SHGC = 0.38
LSG = 1.84



Interior Perspective



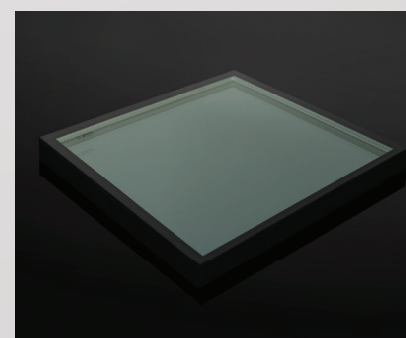
Exterior Perspective

KM Premium Dark Smoke: KM-IS50

Color = Dark Smoke
VLT = 49%
SHGC = 0.26
LSG = 1.88



Interior Perspective



Exterior Perspective

Project References



Sukhatisathan Building Wat Chonlaphrathan Rangsarit



Department of Public Works and Town & Country Planning



Anil Sathorn



The Privacy Chatuchak



Consultation
Expertise

LEED, Thai Building, Code, EIA, WELL

Remark:

- These are just meant to show the product range in this product category.
- We can recommend the right product depending on the project requirement.



Expert Consultation:

We help you choose the ideal product based on performance and budget.
Exceptional



Exceptional Quality:

Our products are manufactured to meet the higher standards.



Extensive Product Range:

Our diverse selection of insulated glass products offers various performance options to meet the unique requirements of your project.



TYK GLASS CO., LTD.

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