

# DANPAL® FAÇADE SYSTEMS



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# DANPAL® SOLUTIONS

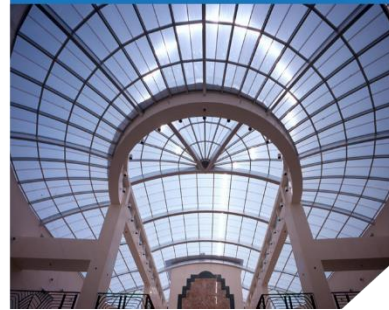
FACADES



CLADDING



SKYLIGHTS



OUTDOOR



SHADING



INTERIOR



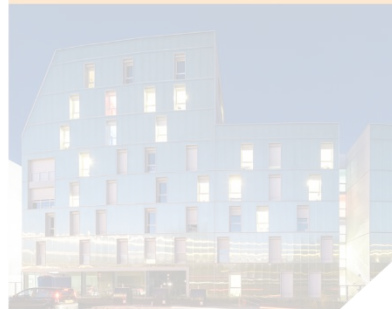


# DANPAL® SOLUTIONS

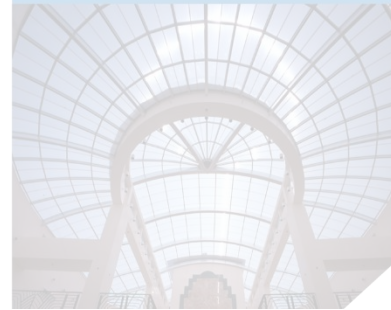
FACADES



CLADDING



SKYLIGHTS



OUTDOOR



SHADING

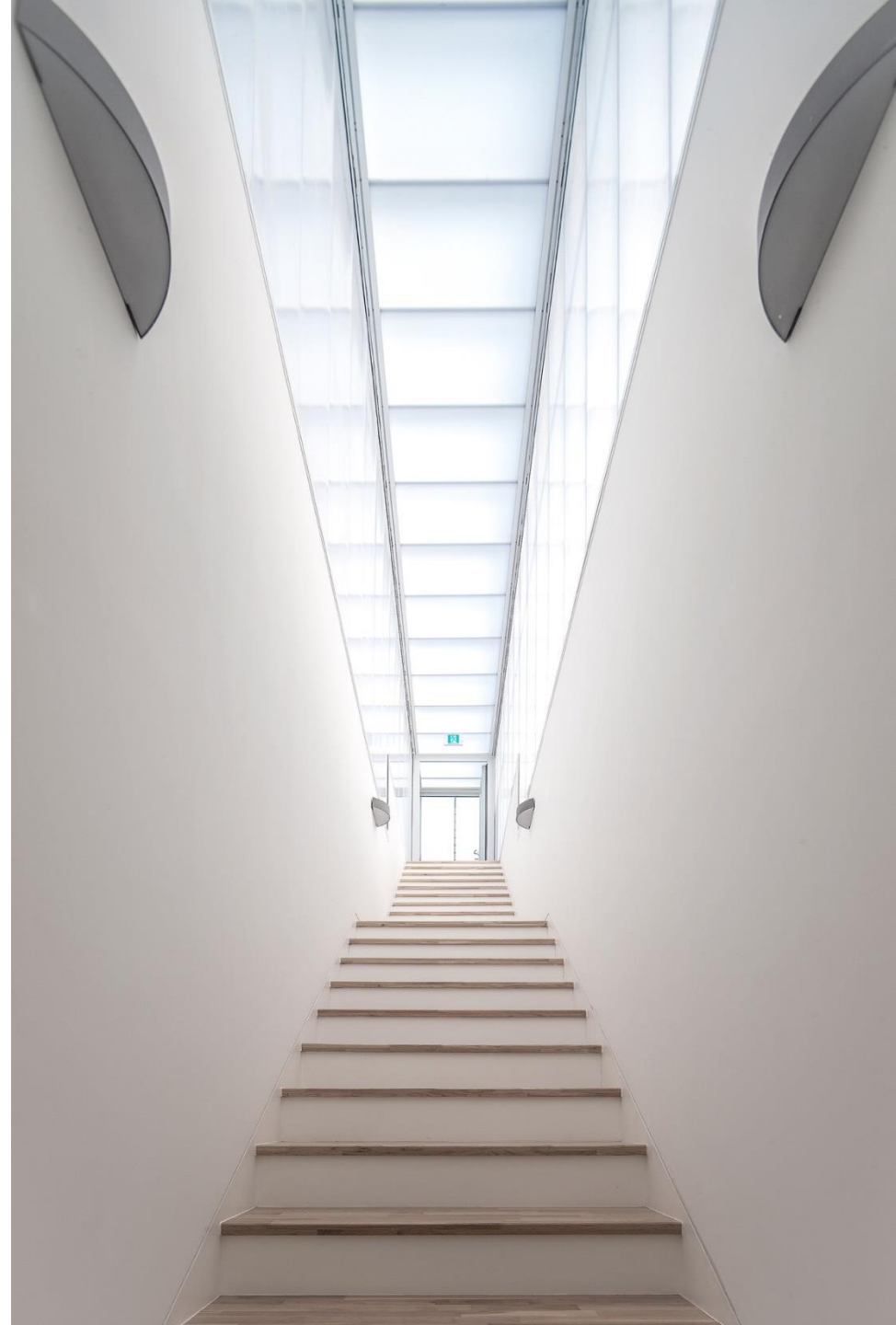


INTERIOR



LOOKS BETTER & PERFORMS BETTER

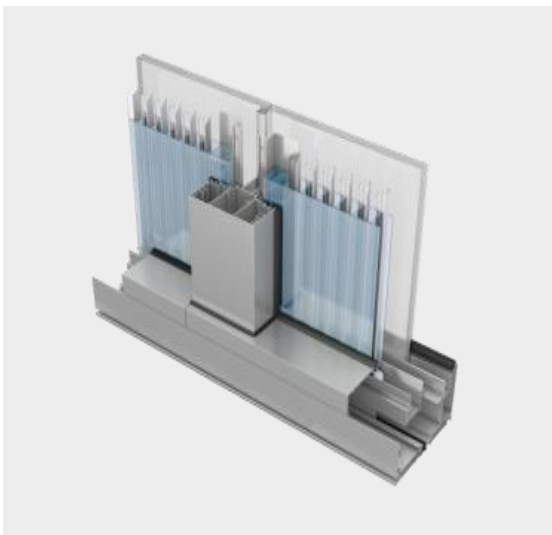
**DANPAL** OFFERS HIGH QUALITY  
COMPLETE SYSTEM SOLUTION FOR  
THE BUILDING FAÇADE



# FAÇADE SYSTEMS

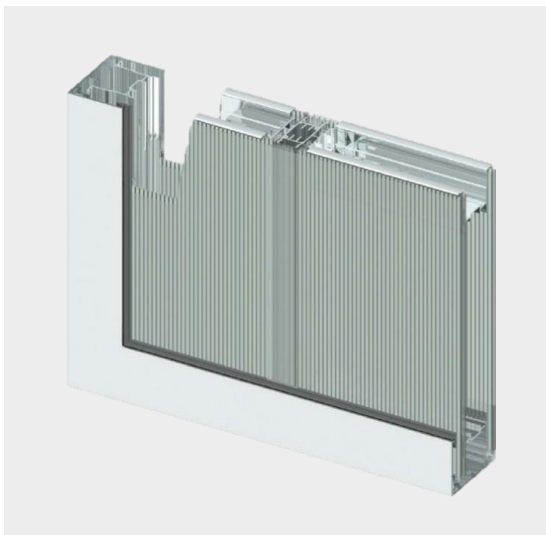
**CONTROLITE**  
Smart Light Control  
Façade System

**DOUBLE GLAZING**



**DANPATHERM**  
New Generation  
Façade Systems

**DOUBLE GLAZING**



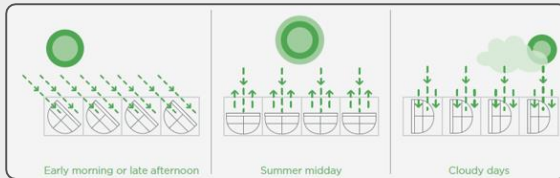
**FAÇADE SYSTEMS**

**SINGLE GLAZING**

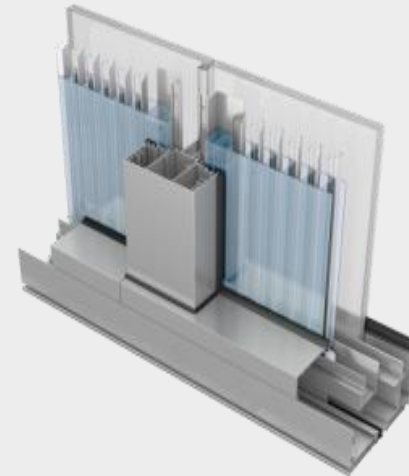


# DANPAL CONTROLITE FAÇADE SYSTEM

- Unique electronic polycarbonate Façade System in the market
- Controls the light automatically



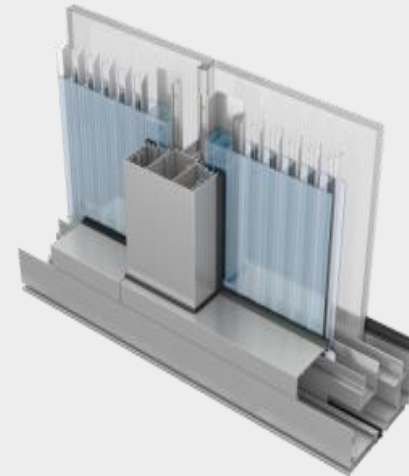
**Specs: Automatic Light Control Façade System**



**ADVANCED SOLUTION**

# DANPAL CONTROLITE FAÇADE SYSTEM

- Unique electronic polycarbonate Façade System in the market
- Controls the light automatically
- High acoustics parameters 27 dBA
- Supplied as a full kit, ready for installation, no further additions are required



**ADVANCED SOLUTION**

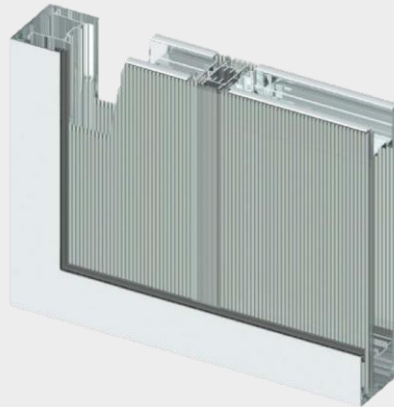


# FAÇADE SYSTEMS

**CONTROLITE**  
Smart Light Control  
Façade System

**DANPATHERM**  
New Generation  
Façade Systems

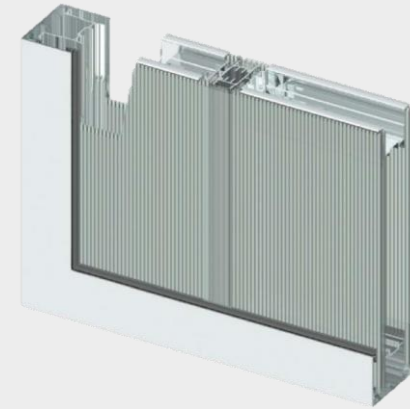
**FAÇADE SYSTEMS**



# DANPAL DANPATHERM FAÇADE SYSTEM

## THE NEW GENERATION OF FAÇADE SYSTEMS

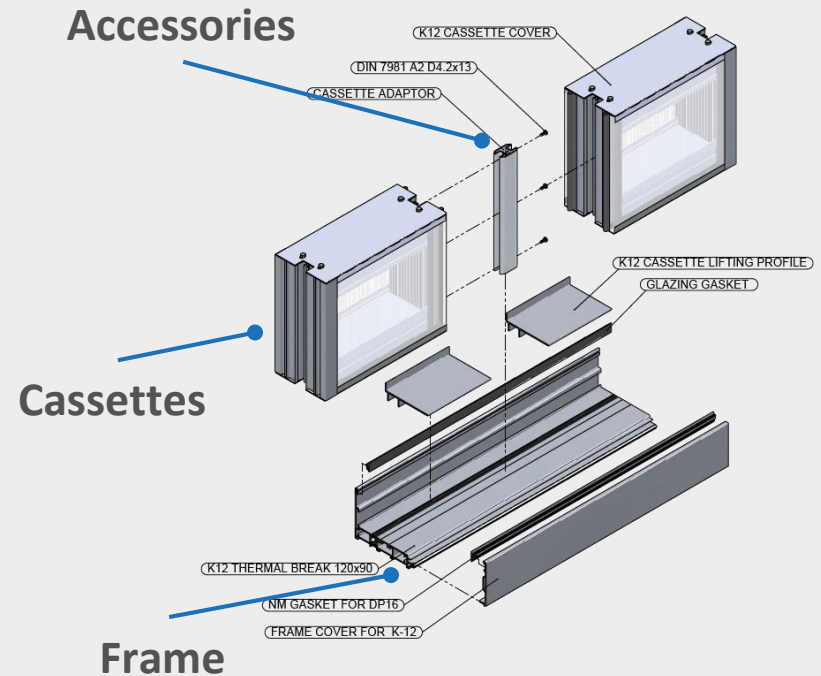
- The unique **double glazing** polycarbonate Façade system in the market
- Unique factory **pre-assembled cassettes** saves time and expensive installation costs



# DANPAL DANPATHERM FAÇADE SYSTEM

## THE NEW GENERATION OF FAÇADE SYSTEMS

- The unique **double glazing** polycarbonate Façade system in the market
- Unique factory **pre-assembled** cassettes saves time and expensive installation costs

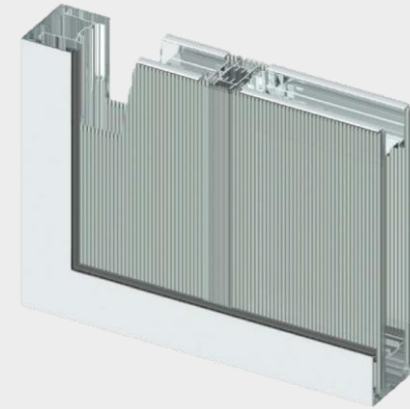


# DANPAL DANPATHERM FAÇADE SYSTEM

## THE NEW GENERATION OF FAÇADE SYSTEMS

- The unique **double glazing** polycarbonate Façade system in the market
- Unique factory **pre-assembled** cassettes saves time and expensive installation costs

**Specs:** Double Glazing Façade System;  
Pre- assembled cassettes

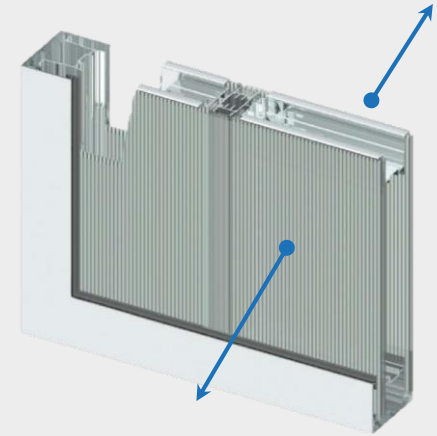


**ADVANCED SOLUTION**

# DANPAL DANPATHERM FAÇADE SYSTEM

## THE NEW GENERATION OF FAÇADE SYSTEMS

- The unique **double glazing** polycarbonate Façade system in the market
- Unique factory **pre-assembled** cassettes saves time and expensive installation costs
- Double panels enable **playing with colors** inside and outside the building
- **Skin replacement**, enable replacing panel where building continue to be protected
- Available with/without Light Diffuser (**Insulation**) material
- Available with/without **LED** Light



**ADVANCED SOLUTION**



# DANPAL DANPATHERM FAÇADE SYSTEM

## DANPATHERM K12 (120 MM)



12 x 12 MM  
(with thermal break frame)

**Module** 600, 900 mm

## DANPATHERM K7 (70 MM)



12 x 12 MM (thermal break frame)  
12 x 12 MM (W/O thermal break)  
12 x 16 MM (with thermal break)

**Module** 624, 924 mm

With or without [Insulation](#)

With or Without [LED System](#)

# DANPAL DANPATHERM FAÇADE SYSTEM

## DANPATHERM K12 (120 MM)



**U value [W/m²K]**  
**With Insulation** 0.52  
**W/O Insulation** 1.2

**Max. Span** up to 6m

## DANPATHERM K7 (70 MM)



**U value [W/m²K]**  
**With Insulation** 0.72 [12+16]  
0.78 [12+12]  
**W/O Insulation** 1.06 [12+16]  
1.18 [12+12]

**Max. Span** up to 3m

**Resistance To Fire** B- s1, D0

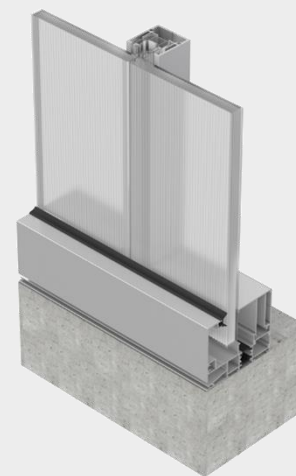
**Warranty** 10 Years

# FACADE SYSTEMS

**CONTROLITE**  
Smart Light Control  
Façade System

**DANPATHERM**  
New Generation  
Façade Systems

**FAÇADE SYSTEMS**



# FAÇADE SYSTEMS

**THERMAL  
ADVANCED AIR PT**  
Façade System



**ADVANCED NM**  
Façade System



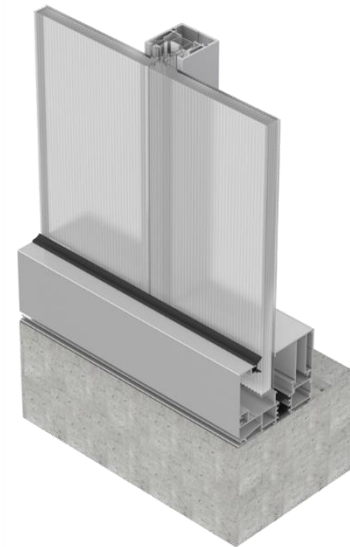
**TRADITIONAL TP**  
Façade System



# FAÇADE SYSTEMS

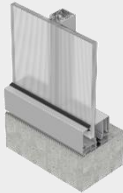

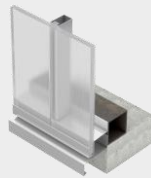
## THERMAL ADVANCED AIR PT Façade System

- Single glazed translucent Façade systems
- Lightweight; offers excellent weather protection with high impact resistance
- Delivers the perfect balance of light and thermal requirements
- Strong, safe, non fragile

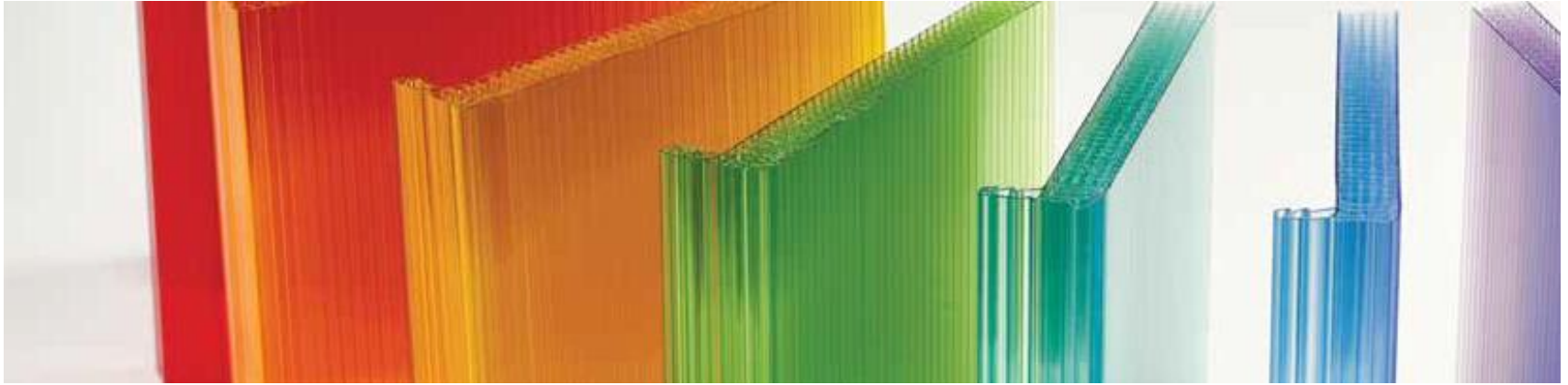




# FAÇADE SYSTEMS

	THERMAL ADVANCED AIR PT Façade System	ADVANCED NM Façade System	TRADITIONAL TP Façade System
			
<b>Structure</b>	Closed Façade (Frame)	Closed Façade (Frame)	Base Profile
<b>Panels</b>	16, 22 & 35 mm	10 & 16 mm	16 & 22 mm
<b>Insulation</b>	Thermal Break	Standard	Standard
<b>Resistance to fire</b>		B- s1, D0	
<b>Warranty</b>		10 Years	
<b>Max. Span</b>		3.5 m	

# PANELS PROPERTIES



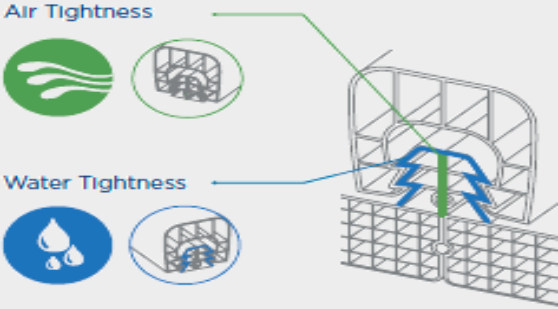
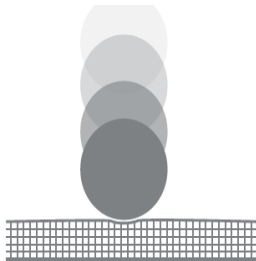
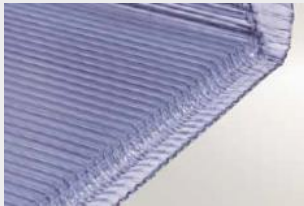
**STRUCTURE**

**UNIQUE PANELS**

**COLORS**

**FINISHES  
UNIQUE PANELS**

# PANELS PROPERTIES STRUCTURE

Feature	Figure
<b>Double Click Seam Connection</b>	<p>Air &amp; water tightness And superior load performances</p> 
<b>Microcell Structure</b>	<p>Improved mechanical properties, rigidity and superior impact resistance</p> 
<b>Hot welded edge</b>	<p>Protects panel from dust and water</p> 

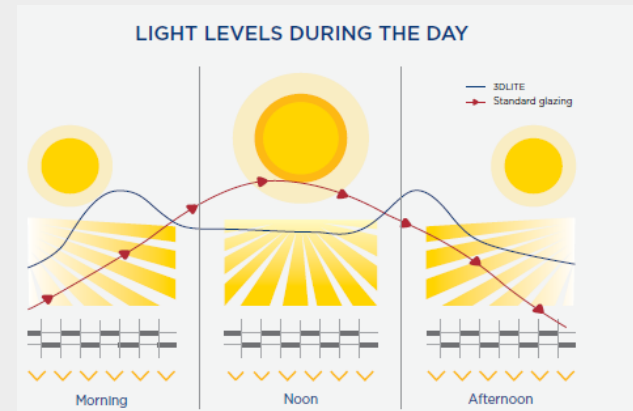
# PANELS PROPERTIES UNIQUE PANELS

## Feature

## Figure

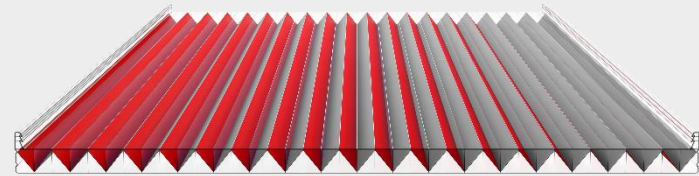
### Danpalon 3DLITE

- 600mm panel
- 22mm Thickness
- Contains shading louvers
- Balancing daylight throughout the day
- Enables architects design creatively, energy saving and increasing light efficiency
- Offering dynamic look





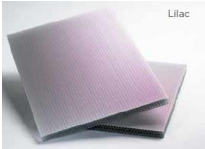
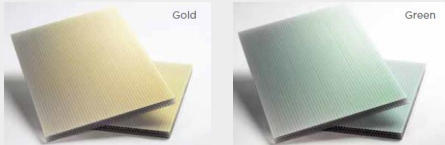
# PANELS PROPERTIES UNIQUE PANELS

Feature	Figure
<b>Danpalon Kinetic</b>	<ul style="list-style-type: none"><li>• 600mm panel</li><li>• 16mm thickness</li><li>• Dual color panel</li><li>• One color from one direction another color from second direction</li><li>• Enables architects to offer innovative design</li><li>• Offering dynamic look</li></ul>





# PANELS PROPERTIES COLORS

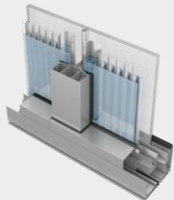
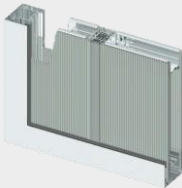
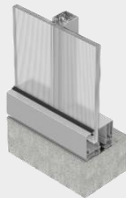
Feature	Figure
<b>Special Color Codes</b>	<p>Danpal's own terminology</p>  <p>Clear CR57      Ice IC51      Opal OP22</p>
<b>Opaque colors</b>	<p>Less than 1% LT</p>
<b>Extra Shading Colors NEW</b>	<p>Reduces light and radiation in warm areas (less than 10% LT)</p>  <p>EXTRA SHADING</p> <p>Red ER09      Purple EP09      Orange EO08      Dark Opal DO10      Dark Silver DS10</p>
<b>Low E</b>	<p>Allows better use of daylighting without adding more heat</p>  <p>Lilac</p>
<b>Iridescent Appearance</b>	<p>Reach color</p>  <p>Gold      Green</p>

# PANELS PROPERTIES FINISHES UNIQUE PANELS

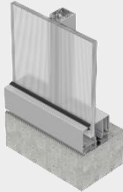

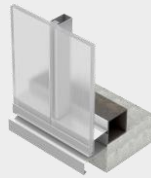
Feature	Figure
Softlite	Ensures maximum visual comfort

**HP - High Protection** Is an advanced surface treatment.  
Enables higher performance and protection against external harm.

# FAÇADE SYSTEMS

	<b>CONTROLITE</b> Smart Light Control Façade System	<b>DANPATHERM</b> New Generation Façade Systems	<b>FAÇADE SYSTEMS</b>
			
<b>Image</b>	Best	Better	Good
<b>Competition</b>	Limited	Less	Regular
<b>Positioning</b>	Smart	New Generation	Regular
<b>U Value [W/m²K]</b>	0.9	0.52	Adv. Air PT Facade
<b>Max. Span [M]</b>	3.5	6.0	3.5

# FAÇADE SYSTEMS

	THERMAL ADVANCED AIR PT Façade System	ADVANCED NM Façade System	TRADITIONAL TP Façade System
			
Image	Best	Better	Good
Competition	Limited	Less	Regular
Positioning	Advanced Thermal	Advanced	Regular
Insulation	Thermal Break	Standard	Standard
Max. Span [M]		3.5	

# MARKET SEGMENTS



Sport centers



Industry



Education



Office



Commercial



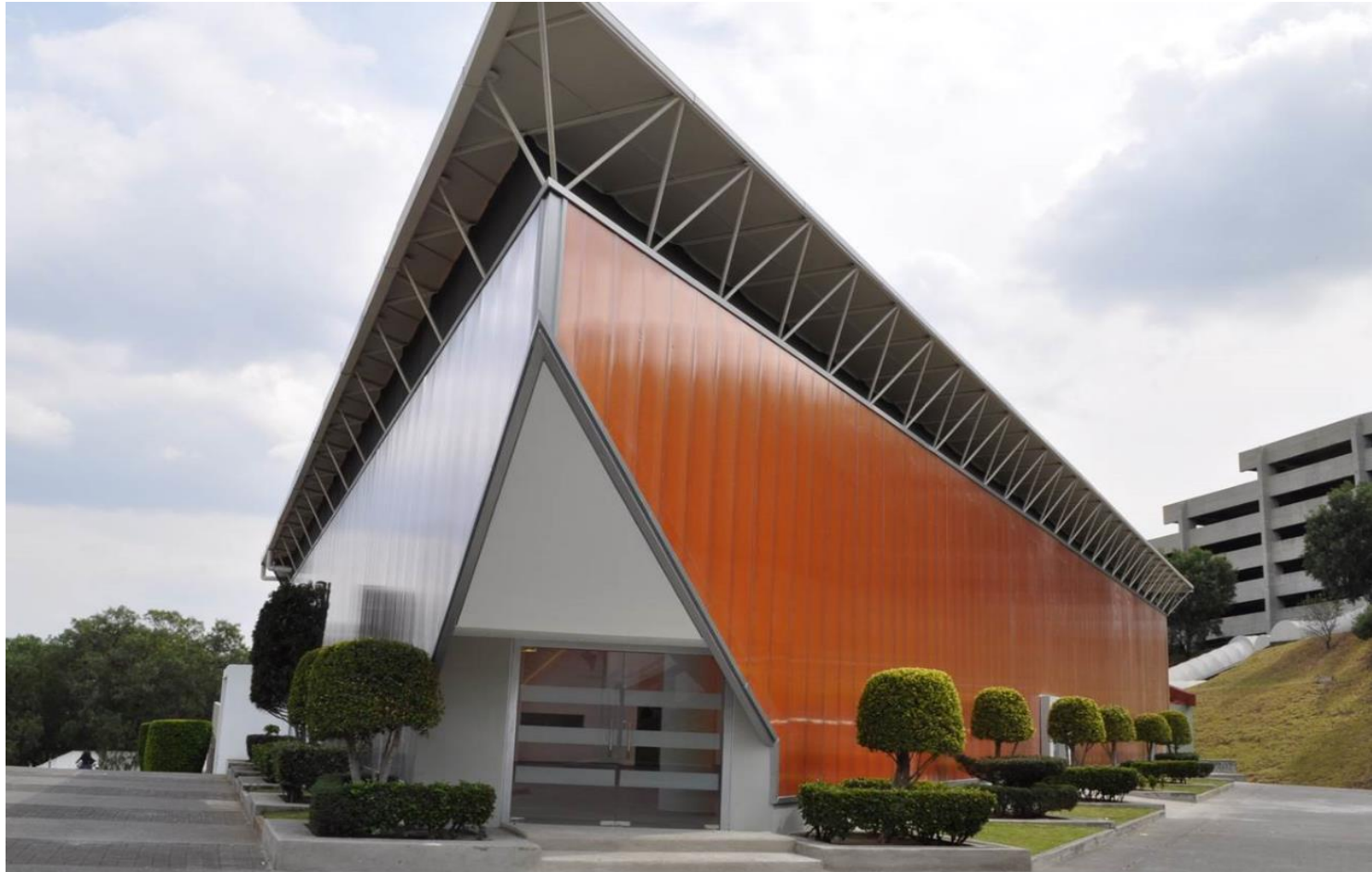
Transportation



# FAÇADE REFERENCES



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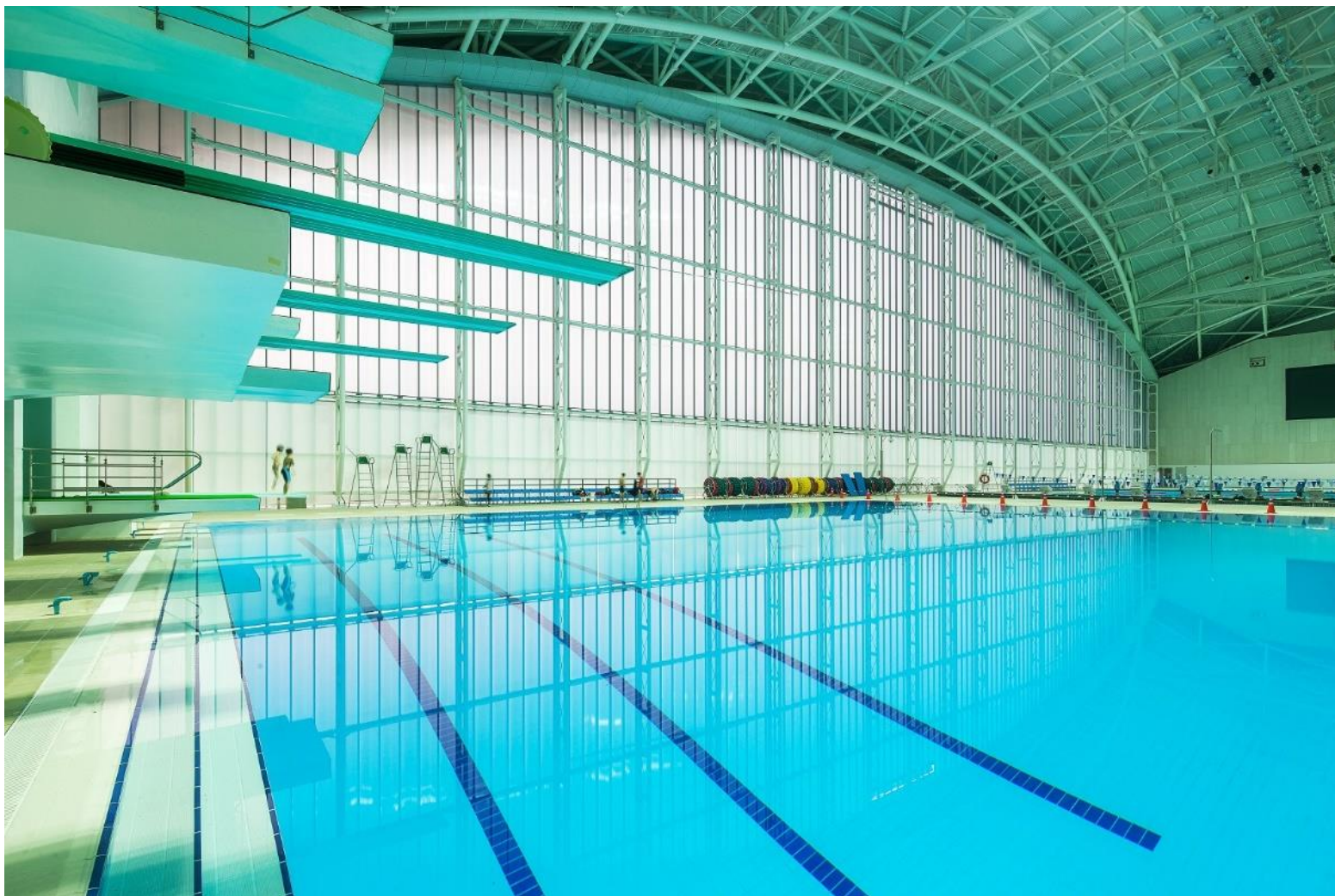


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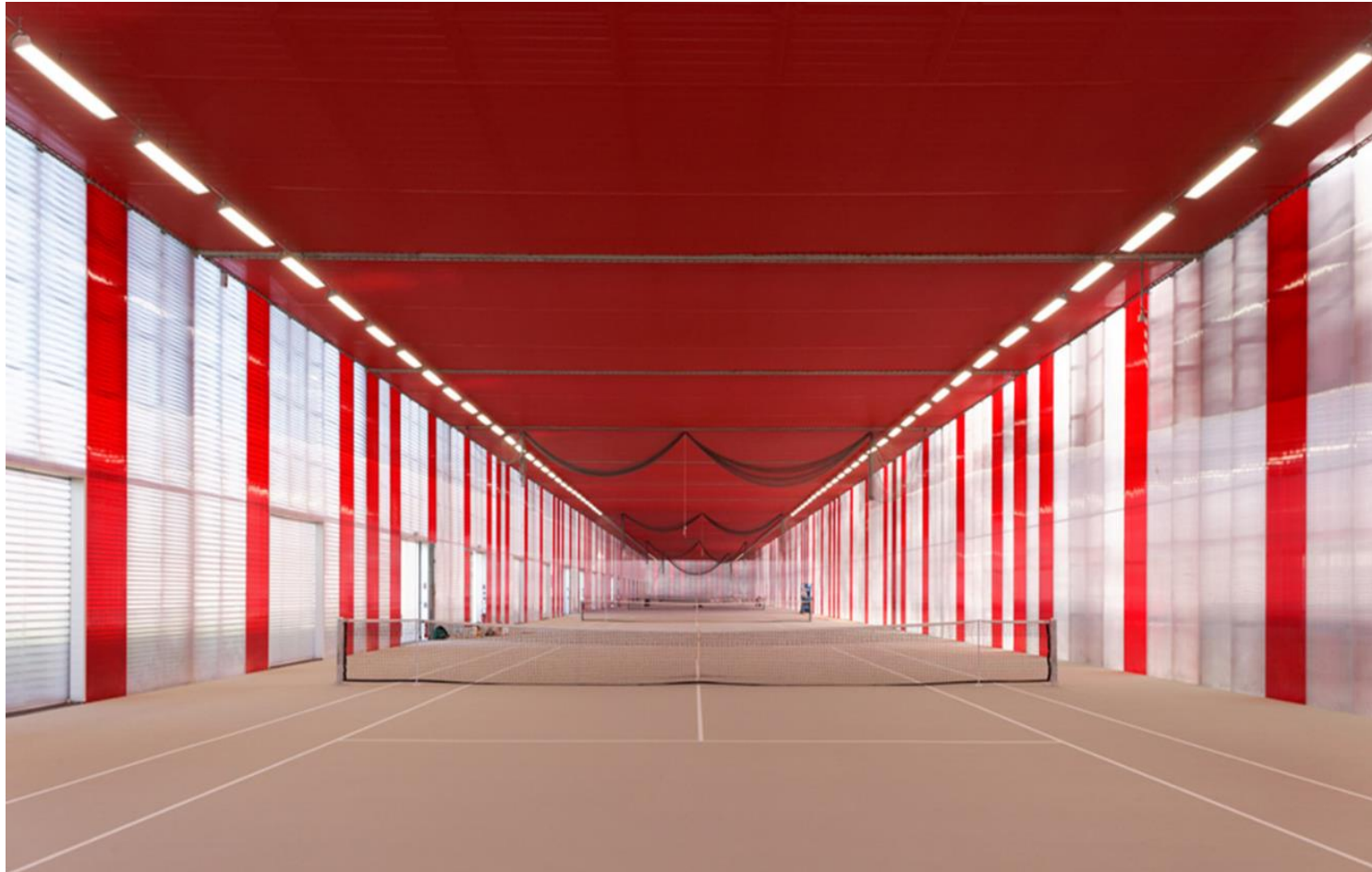




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Thank you