

# Architectural EMSyS

Designed and made in India by



# FACE



FACE (Façade Applications for Conservation of Energy) is a design led enterprise

We come up with simple solutions to complex problems

Reducing heat gain in buildings is a complex problem

We have four simple solutions



VRLS (Plain)



VRLS (Staggered)



HRLS

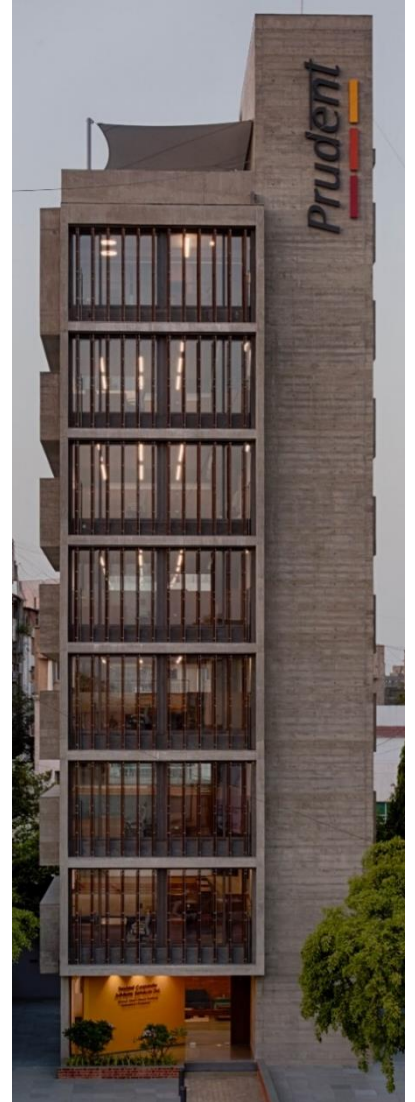


PRMLS

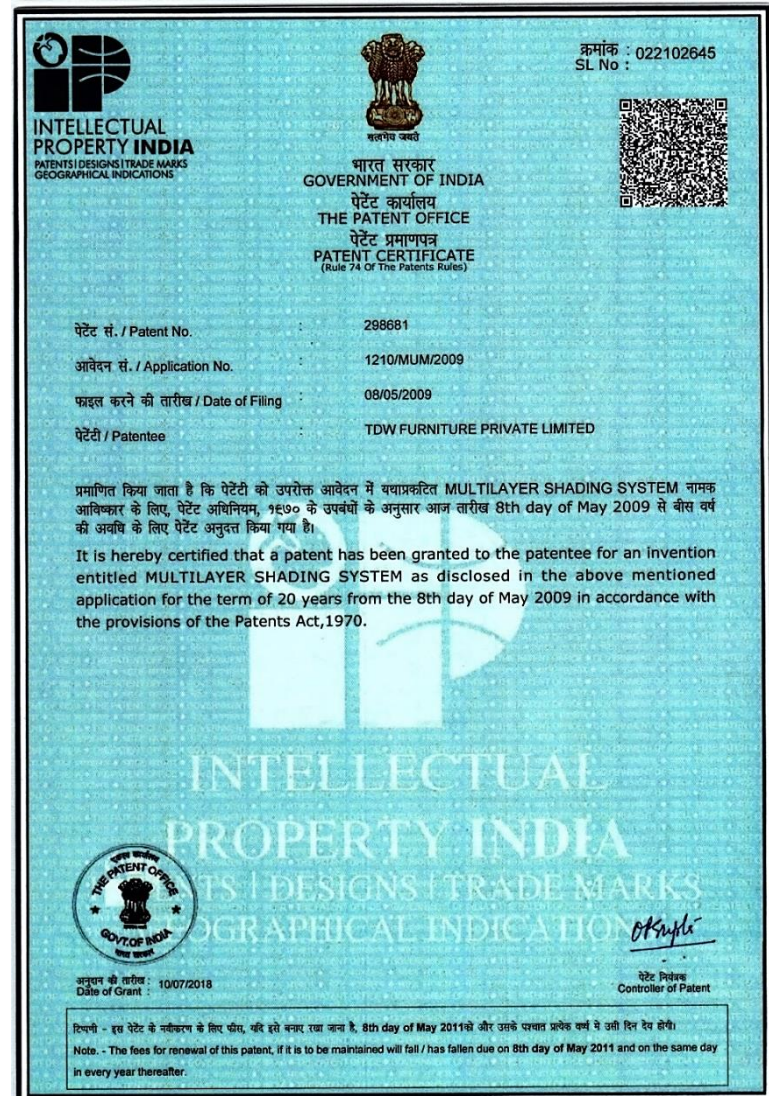
We offer four External Movable Shading Systems (EMSyS) for buildings

- They are manually operated, but a motorized option for VRLS is now available
- Can be customized to suit the architectural language of the building
- Are available with options in panel materials
- Are durable and designed for Indian use conditions
- Have been in use on various building facades since 2009


FACE was a pioneer in the design, development and adoption of EMSyS in India, starting in 2009, and has supplied and installed over **1,80,000 sq. ft.** of EMSyS to date



Our product designs are registered and we hold a patent for HRLS






# The efficacy of our products has been tested



**CEPT Research and Development Foundation, CEPT University**  
 Characterization Report for Solar Heat Gain Coefficient of Shading Device

Report No: CEPT/RPT/SHGC/02-1 Report Date: 12<sup>th</sup> April 2016

**8. Specimen Position:**

Close Position	Intermediate Position	Open Position
		

**9. Maximum, minimum and average solar irradiation, E<sub>s</sub>:**

	Maximum	Minimum	Average
Solar irradiation, E <sub>s</sub>	1200	800	1000

**10. Results of the measurement:**

Agency Name	Characterization Period	Operation Position	Measured SHGC
TDW Furniture	07/12/15 to 10/12/15	Close	0.09
	03/12/15 to 05/12/15	Intermediate	0.45
	30/11/15 to 02/12/15	Open	0.78
Clear Glass 4mm	25/11/15 to 27/11/15	Reference Glass	0.83

**11. Certificate of Accuracy:**  
 This is to certify that the Characterization results herein presented are, to the best of my knowledge, true and accurate representations of the samples submitted.

Yashkumar Shukla  
 Technical Director  
 CEPT Research and Development Foundation

*Note: This characterization was carried out for BEEP Design Competition only and cannot be used commercially without written approval of Director, CEPT Research and Development Foundation, CEPT University*

**Disclaimer:**

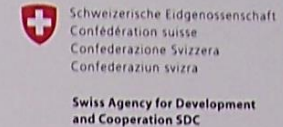
- The CEPT Research and Development Foundation, CEPT University is not responsible for any kind of alterations in the physical property of the sample and the customer is solely responsible for it and its consequences.
- Result relates to the sample Characterized only. Sample will be destroyed after 7 days of issue of the report unless specified by the customer.
- Any complains about this report should be communicated in writing within 7 days of issue of the report.
- The Characterization report shall not be reproduced fully or partially or in parts and cannot be used as an evidence in a court of law and shall be used in advert singeing media without written approval of Director, CEPT Research and Development Foundation, CEPT University.

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CEPT Research and Development Foundation, CEPT University, K. L. Campus, Navrangpura, Ahmedabad- 380 009.  
 Phone No: 079-26302470- Extn: 383, 26302740 Fax: +91 79 26302075. Email: ashajoshi@cept.ac.in  
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One of our products has won a Bureau of Energy Efficiency award



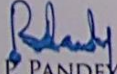
## THE INDO SWISS BUILDING ENERGY EFFICIENCY PROJECT (BEEP)

*hereby certifies that*


**FACADE APPLICATIONS FOR CONSERVATION OF ENERGY (FACE),  
AHMEDABAD**

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*is the first runner-up (commercial category) of the  
Design Competition for External Movable Shading Systems  
held by BEEP.*

  
B.P. PANDEY  
*Director General,*  
Bureau of Energy Efficiency (BEE)  
Government of India

28 NOVEMBER 2016

  
DANIEL ZIEGERER  
*Director of Cooperation,*  
Swiss Agency for Development  
and Cooperation (SDC)



## Some of our completed projects are :

Ahmedabad University, School of Arts and Sciences, *Ahmedabad*

Astral Corporate House, *Ahmedabad*

CEPT University Library, *Ahmedabad*

Corporate house – Sanjay Patel, *Ahmedabad*

City Centre, *Ahmedabad*

D & C Kairos, *Ahmedabad*

D & C Capstone, *Ahmedabad*

D & C Phoenix, *Ahmedabad*

GHAVV Residence, *New Delhi*

Indian Institute of Management, School of Public Policy, *Ahmedabad*

i-HUB, *Ahmedabad*

Kishor Villa, *Ahmedabad*

Lakhtarwala House, *Ahmedabad*

Meghmani House, *Ahmedabad*

Prasad Residence, *Bengaluru*

Safal Profitaire, *Ahmedabad*

Safal Corporate House, *Ahmedabad*

Sun Court, *Ahmedabad*

Sun Square, *Ahmedabad*

Shree Kamalam Trust, *Ahmedabad*

Think Sustainable Labs, *Hyderabad*

Rannade House, *Ahmedabad*