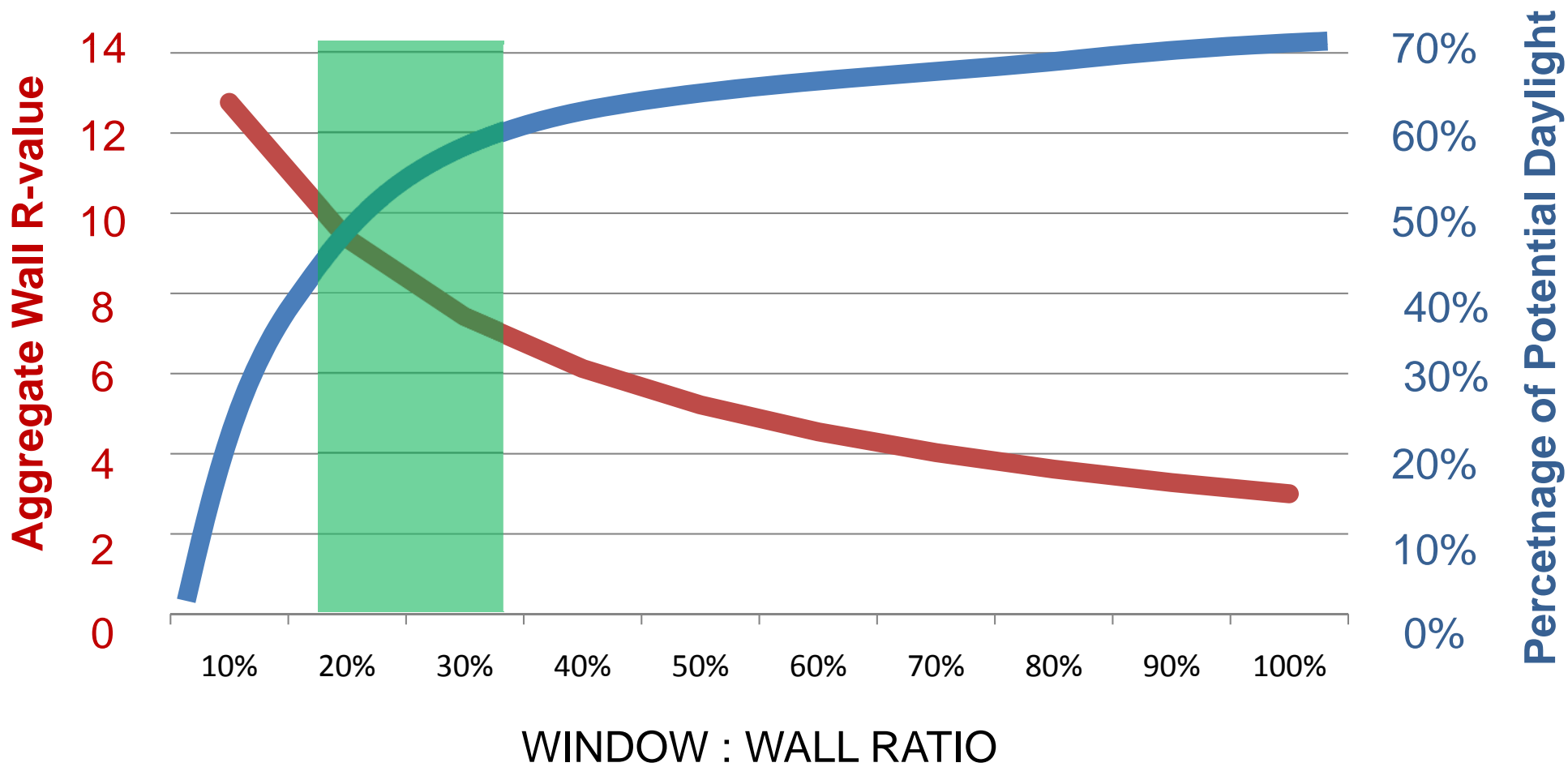




TRANSPARENCY

ZGF

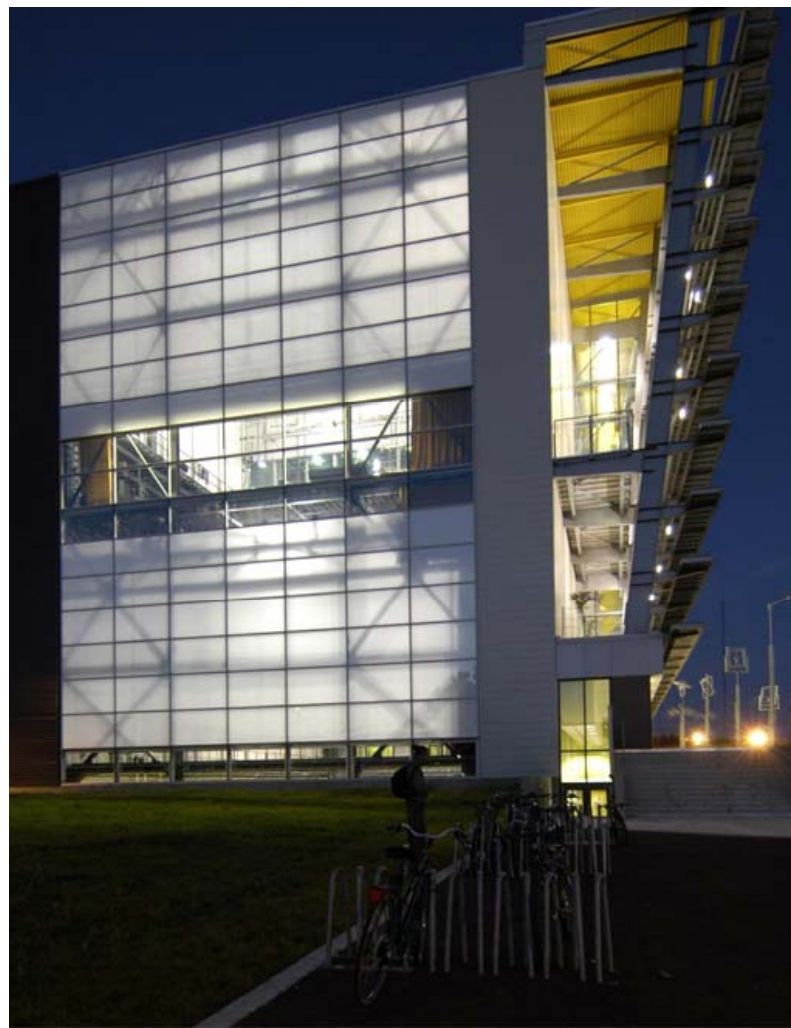
ZIMMER GUNSUL FRASCA ARCHITECTS LLP



TRANSPARENCY – THE NUMBERS



**Internally
Suspended Film**



Aerogel

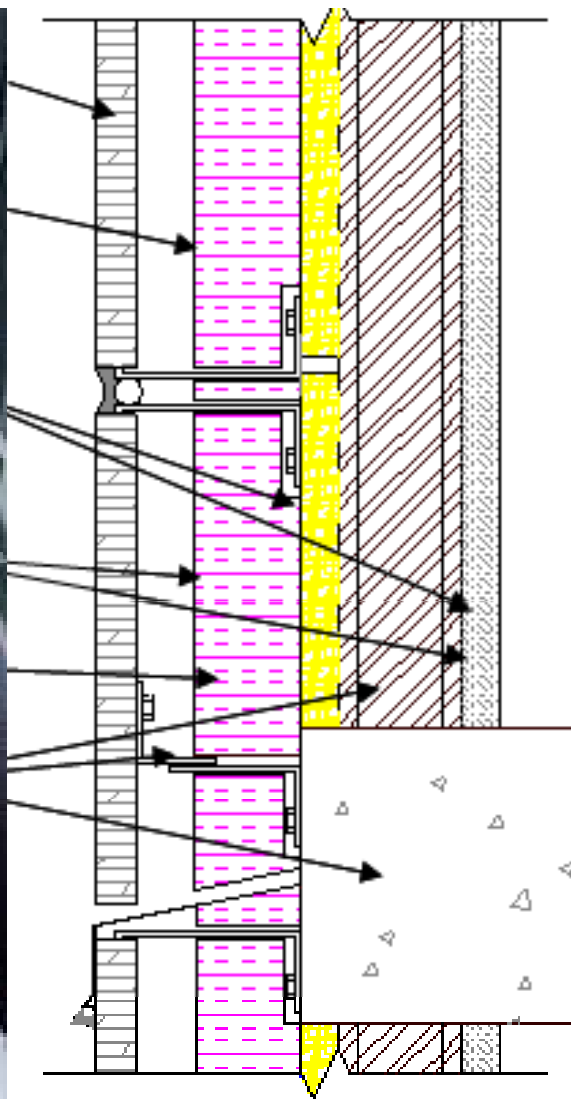


**Externally
Added Film**

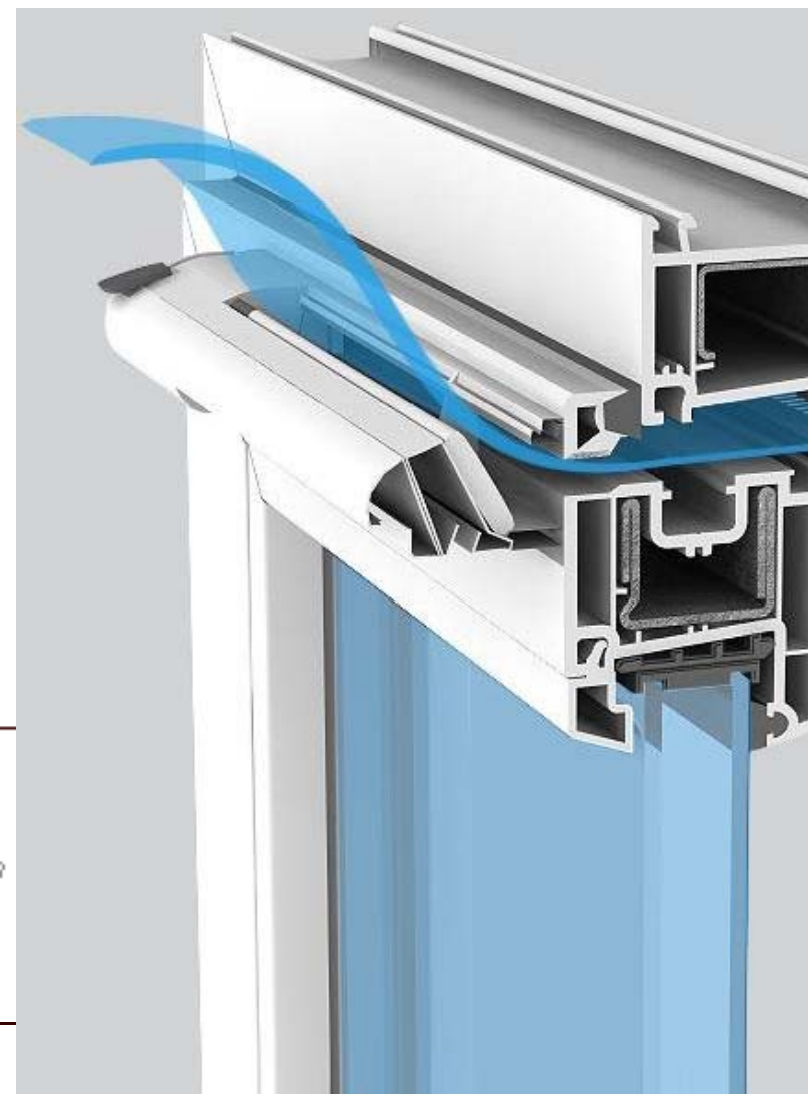
ADDING STATIC LAYERS



**Ventilated
Double Facade**



**Dynamic
Buffer Zone**



**Airflow
Window**

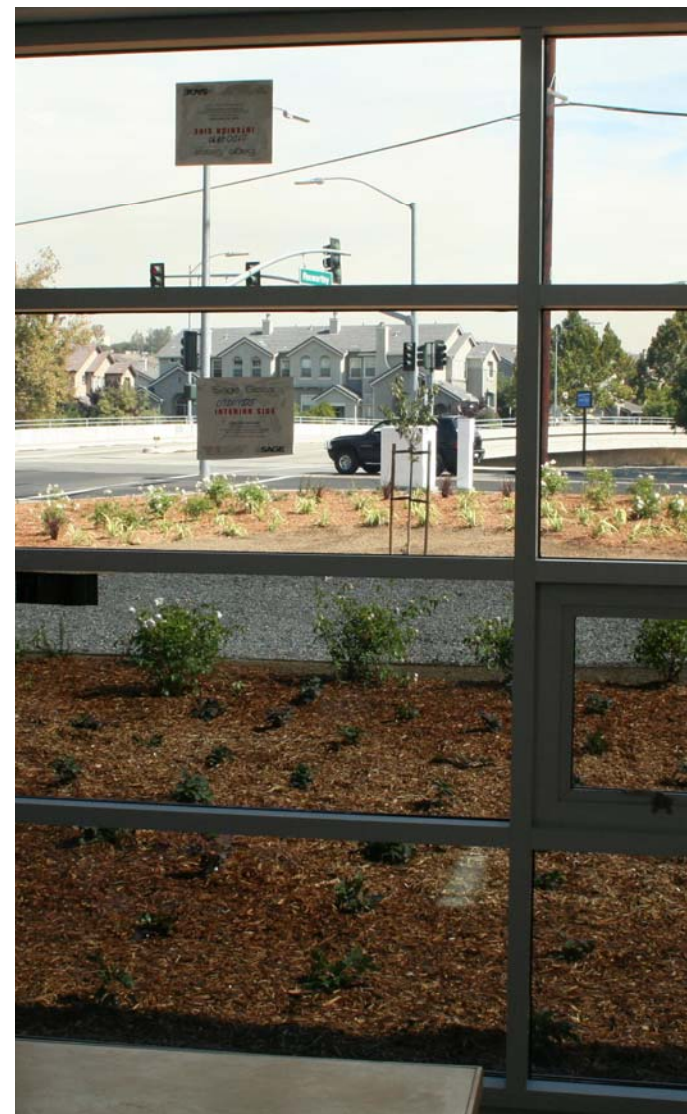
MANAGING THE ENERGY FLUX



**Thermo-Fluidic
Glazing**



**Phase-change
Material**



**Electrochromic
Glazing**

ADAPTING THE ENVELOPE PROPERTIES