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## Tensile Facades “Realizing the Living Machine”

Rowan Murray  
Ronstan Tensile Architecture  
LSAA Conference  
30/10/09

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## “Realizing the Living MACHINE”

....or should the title be....

## “Realizing the Living BUILDING ?”

“...houses are machines for living in”  
*Le Corbusier.*

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### “The Esplanade” Singapore Performing Arts Centre

Michael Wilford & Partners with DP Architects




Photo: The Esplanade

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### Macquarie Apartments – Aurora Place, Sydney

Renzo Piano



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### RMIT Design Hub

Sean Godsell

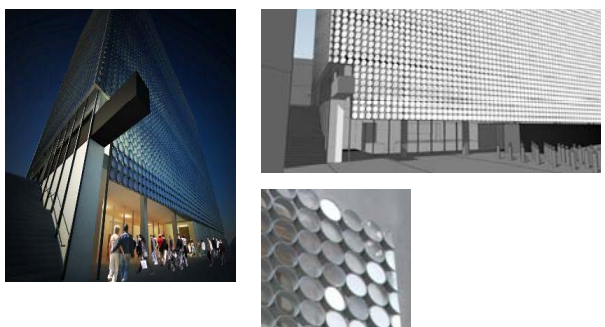
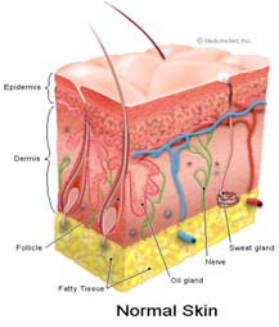


Image: RMIT

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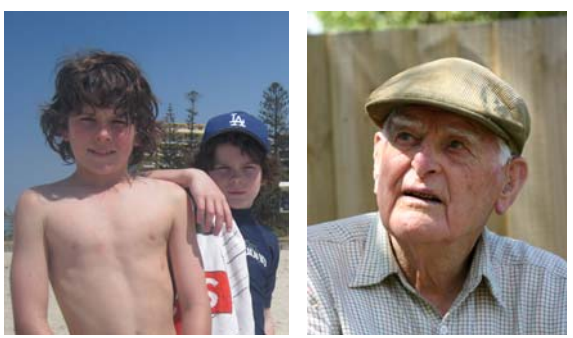
## Basic Skin Functions

- Conveys identity
- Promote social interaction
- Provides basic shelter & Protection
- Controls incoming & outgoing substances
- Regulates the body's temperature
- Provide the body with sensation.

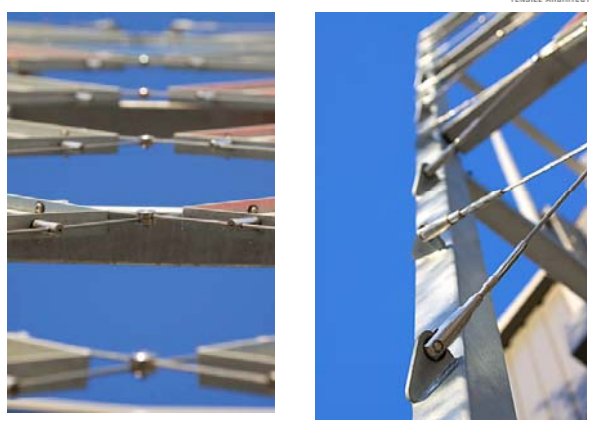


Normal Skin

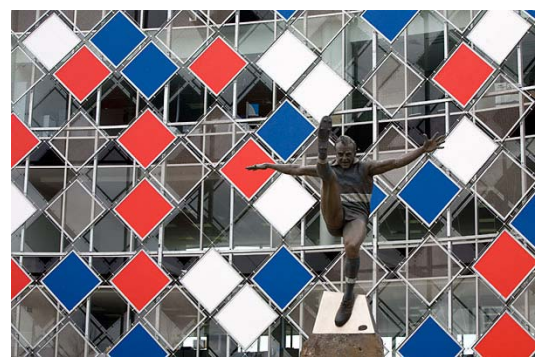
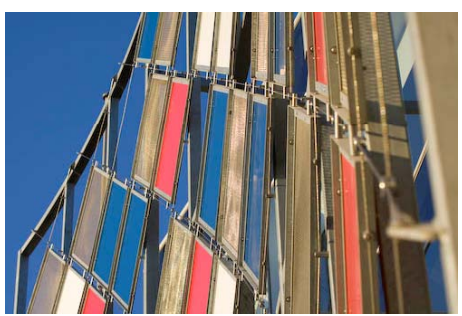
# 1) Individuality



Whitten Oval Re-Development  
Peddie Thorp



Whitten Oval Re-Development  
Peddie Thorp



# 2) Wrapping and folding




Guggenheim Museum  
Frank Gehry




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**Federation Square**  
Lab + Bates Smart





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**103-105 Lonsdale Street**  
SJB Architects




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**3) Shelter and Filtering**

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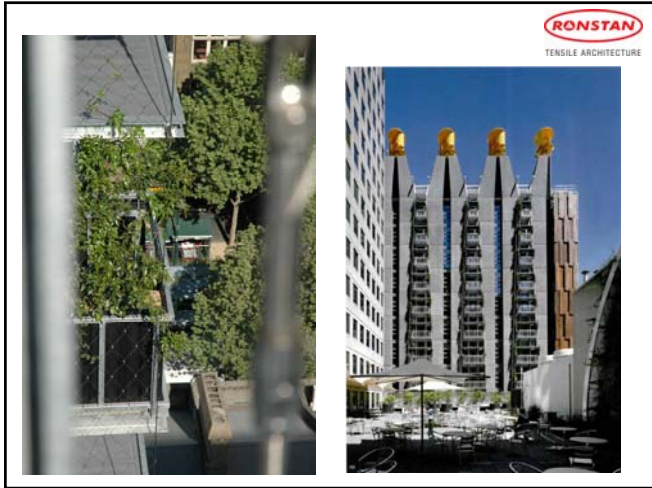
**Hilton Hotel, Sydney**  
JPW



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**CH2 – Northern Terraces**  
Design Inc. MCC





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## 4) Protection and Stength

Vienna Airport Carpark

Image: Ferrari / Innova

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Sydney International Airport Carpark  
Design Inc.

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Can facades play a role in helping a structure to realize its full potential as a “living building”?

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Further Information

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