

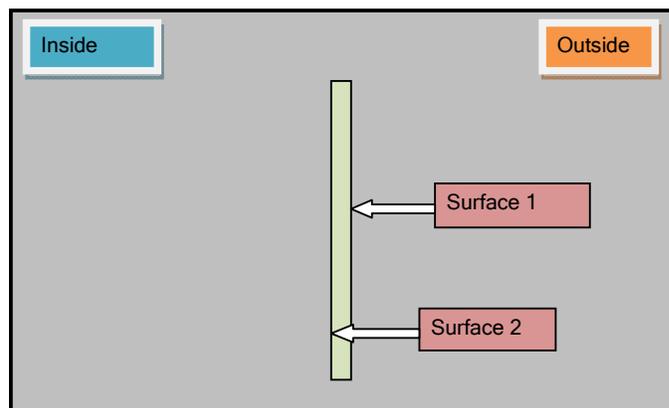
## AGG TECHNICAL BULLETIN #2 - Coating Surface numbers

This Technical Bulletin has been published to assist AGG staff and customers to select the correct position for coatings on glass in monolithic; double glazed and laminated glass products.

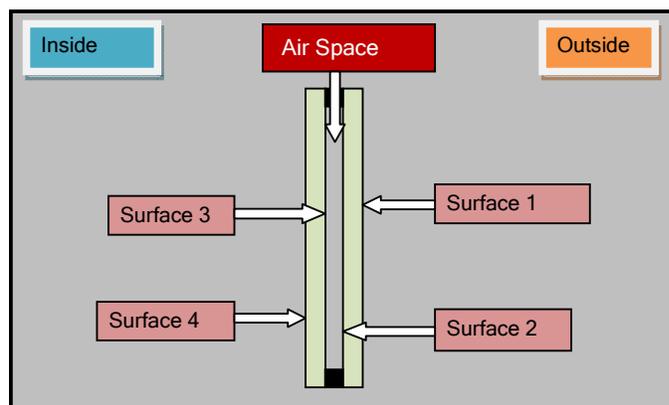
### What are the surface numbers?

With all types of glass and glass product, **surface number 1** is to the outside of the building (i.e. the surface that gets wet!). The other surface numbers follow in a numerical sequence as shown in the graphics below.

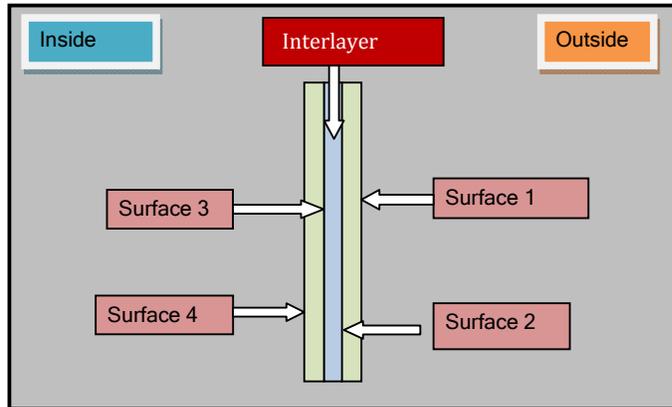
### Monolithic Glass



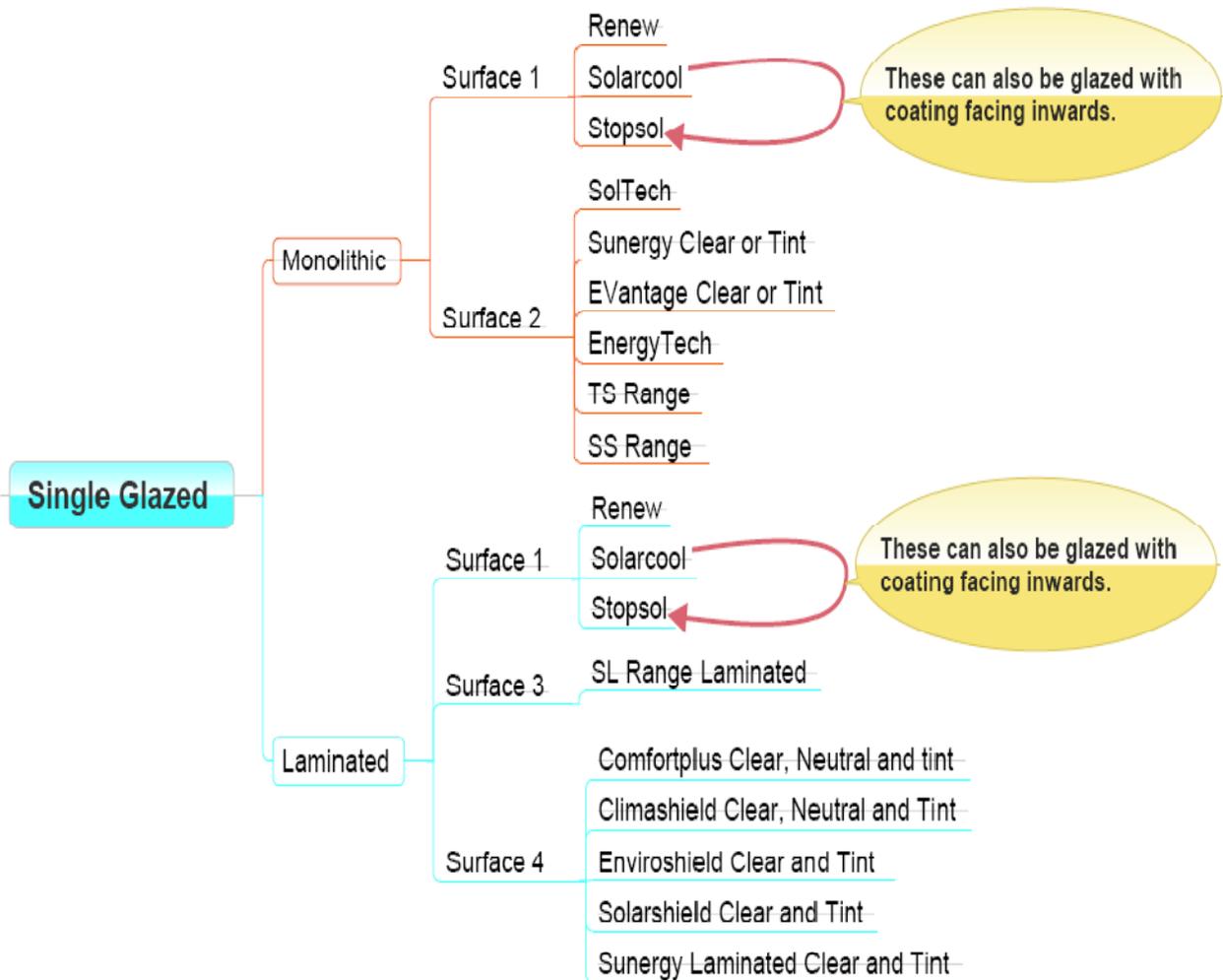
### Double Glazed Glass



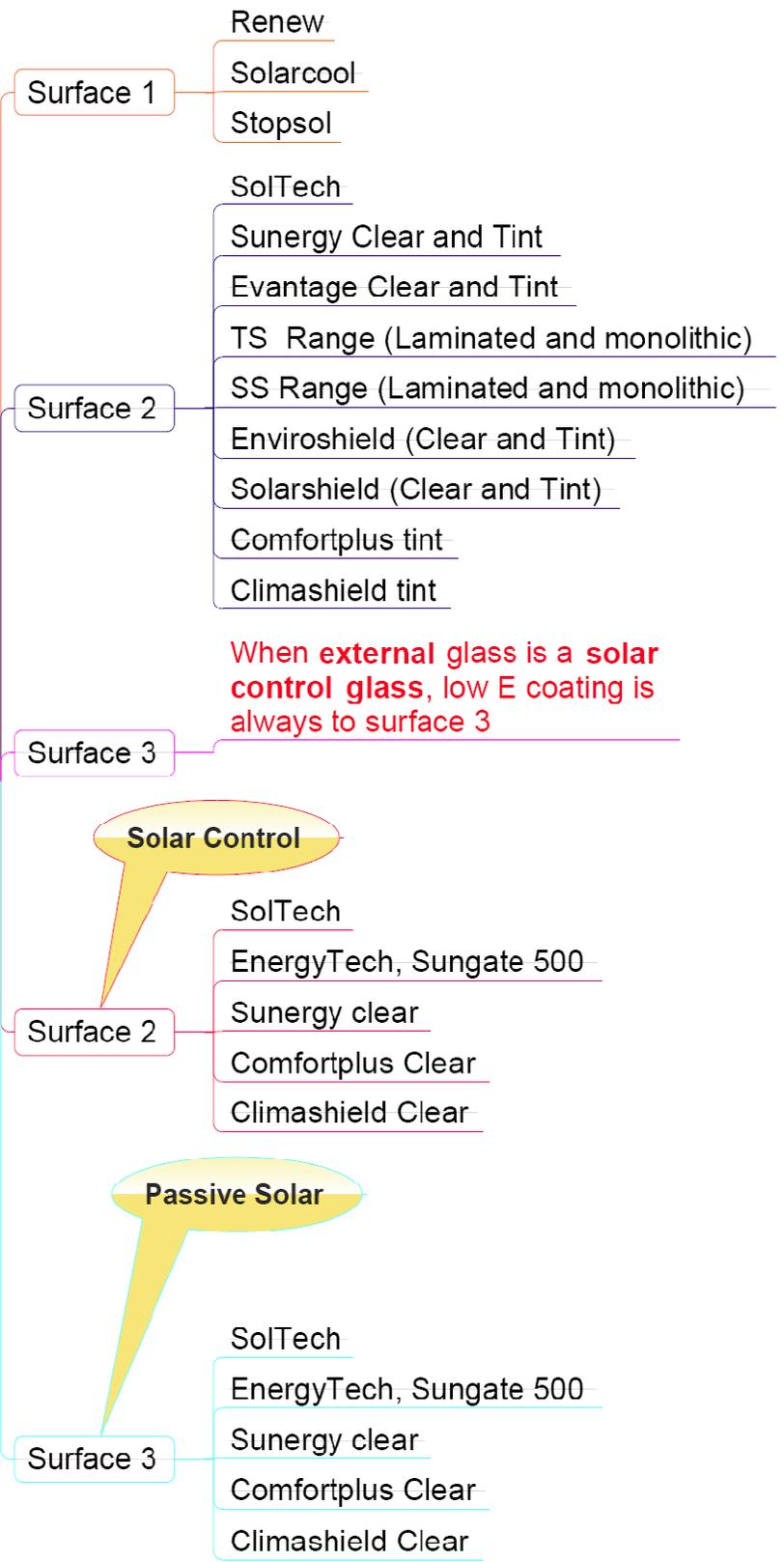
Laminated Glass



The following charts detail several different coating types (i.e. Low emissivity, reflective, solar control and self cleaning), and show the surface numbers that apply to these glass types.



# Double Glazed



In the double glazed chart, surface numbers 2 and 3 have been repeated for the following reasons: -

**“Solar control” (surface 2)** is the configuration for units that will be installed where there is a need to reduce solar heat gain (hot climates)

**“Passive Solar” (surface 3)** is the configuration for units installed where there is a need to utilize passive solar heat gain (cold climates)

The reasoning behind this is really dependent on the design requirements of the glazing application. The visible light transmittance and U-Value of the unit will be the same whether the coating is on surface 2 or 3; however, the Solar Heat Gain Coefficient will be lower when the coating is on the #2 surface.

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Should you require further assistance, please contact your Australian Glass Group representative.