

EnviroTone™

Solar Control Toned Glass

Effective solar control performance

EnviroTone™ float glass provides a level of solar control which helps to manage both the aesthetic appearance of the building and the improvement of the buildings energy management performance.

Achieved through the reduction of solar heat gain without the need for significant additional reflectivity, EnviroTone™ also reduces both UV penetration and glare to the inside of the building.

Manufactured by adding different chemicals and metal oxides to the batch during the float glass manufacturing process, the EnviroTone™ range of toned glass reduces the solar heat gain by absorbing solar energy within the body of the glass.

Applications

- Door sidelights
- External windows and doors
- New build and retrofit projects
- Rooflights

Benefits

- Reduces the level of direct solar heat gain
- Helps improve overall comfort and energy efficiency
- Range of colours available
- Effective solar control component of a KlymetControl™ IGU to assist in the reduction of both heating and cooling costs
- Helps improve the overall star rating of a residential window
- Reduces unwanted solar glare

Wide ranging performance

Different colours absorb solar energy to different levels; the darker the glass, the more heat that is absorbed. As such, it's often the case that toned glass products have to be heat treated (either toughening or heat strengthening) to avoid breakage through thermal stress.

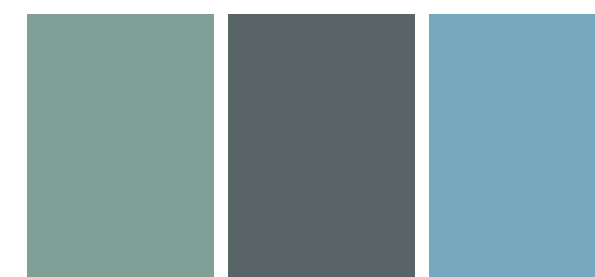
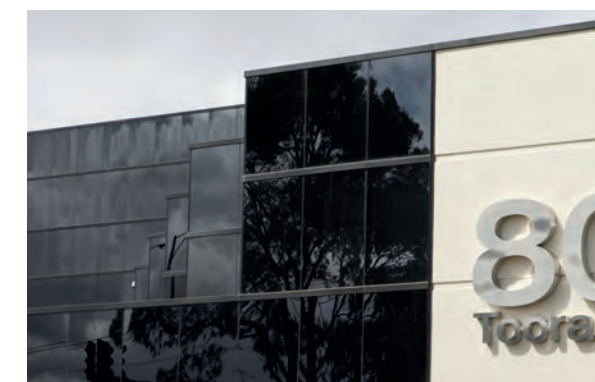
EnviroTone™ Plus

EnviroTone™ Plus provides richer colours and an improved SHGC in combination with low internal and external reflectance when compared to standard EnviroTone™. This not only improves the solar control performance of the glass but also assists in maintaining natural views when looking from the interior of the building.

The standard range of EnviroTone™ Plus higher performing tones are:

- EnviroTone™ Plus Green
- EnviroTone™ Plus Grey
- EnviroTone™ Plus Blue

Both EnviroTone™ Plus Green and EnviroTone™ Plus Blue offer excellent VLT for the level of SHGC performance provided. EnviroTone™ Plus Grey, with its deep cool grey colour is ideal where additional privacy is required and reducing glare is a priority.



EnviroTone™ Plus Green EnviroTone™ Plus Grey EnviroTone™ Plus Blue

For additional product details and warranty
information please visit our website.

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