

LoE³-340[®] + Neat[®]

Superior solar control glass

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GLASSWORKS

Glassworks performance range

LoE³-340[®]+ Neat[®]

The best solar control glass under the sun

LoE³-340 is a triple silver low-E specifically formulated to combat the negative aspects of the sun - excessive heat gain, glare and fading. Although blueish in appearance it is not a tinted glass, meaning it doesn't heat up like tinted glass and lets more light in. It also blocks 98% of the damaging UV that causes fading. In a typical configuration, LoE³-340 boasts a Solar Heat Gain Coefficient (SHGC) of 0.18, the lowest on the Australian market, with a Visible Light Transmission (VLT) of 38%, well within commercial building standards. For a predominantly glass facade, LoE³-340 allows for more design freedom by negating the need for blinds or overhangs.

Enjoy all season comfort

Despite being designed to block the sun, this is not at the expense of optimum comfort during the colder months. With a U-value of 1.36, LoE³-340 is more insulating than tinted glass and therefore better able to prevent heat from escaping when it is needed.

Thanks to the added Neat[®] coating, it's also low maintenance

What's more, LoE³-340 comes standard with Neat technology - a patented invisible titanium dioxide layer with photocatalysis and anti-static properties. Neat makes the surface less conductive than ordinary glass so it attracts less dirt and dust and uses the sun's UV rays to loosen any organic material. Then when it rains, the water 'sheets' off the glass, taking with it the lifted dirt and leaving behind minimal streaks. So windows stay cleaner for longer, saving time and money.

3 layers of
silver makes
this low-E
outshine
the rest



Performance

Description	6mm Tinted Glass	Typical Low-E	Insulated Glass Unit	Insulated Glass Unit
		6mm EnergyTech Grey 12mm Argon 6mm Clear	6mm LoE ³ -340 [®] 12mm Argon 6mm Clear	6mm LoE ³ -340 [®] 12mm Argon 6mm LoE-i89 [®] (4)
Visible Light Transmission	42%	35%	38%	38%
Reflectance Exterior	6%	15%	11%	11%
Solar Heat Gain Coefficient	0.58	0.39	0.18	0.18
U-Value	5.8	1.67	1.36	1.10