

Tension Patio Blinds

Why should I choose Tension?

Tension blinds are the most overlooked blinds we have. They are completely storm proof, so they can stay in the down position all year round if they are kept nice and tight. Tension Blinds are very versatile in their mounting, as they do not fix to anything on the sides. They are the most cost-effective blind in our line-up. Most importantly they make Clear PVC & Outdoor 3000 Mesh look the best compared to all other systems! The fact that the tension is adjustable means that you can pull the fabric nice and tight, which is what gives that pane of glass/flat wall look. The one drawback of the tension system is that they are the most difficult system to retract. The tension needs to be loosened off, the hooks taken out of the fold flat rings, and then the blind can be manually rolled up. Tension Blinds are intended to be left down for most of their lives. They provide year round protection to an outdoor area and should only be retracted for the day if extra air flow is required.

Maximum height: 5m. At around 3.5m tall the tension system will develop some wrinkles running from the top to the bottom of the blinds. These wrinkles do not affect performance but should be taken into consideration. If you are in need of a 4-5m tall blind, please talk to one of our team as your blinds will need special planning to execute correctly.

Maximum width: 6.5m (largely dependent on how windy your outdoor area is, we will provide advice on this when you talk to one of our team)

Material: Like all of our Patio Blind systems, they are available in Clear PVC or Outdoor 3000 Mesh. Please pick up a factsheet about these fabrics for more information (PTO for pictures).

Border: Only required for Clear PVC. Clear PVC is a membrane (not a fabric), so a PVC border is needed to provide strength. The border is 150mm of tough European made PVC, it covers all sides of the blind (PTO for pictures). We use Outdoor 6000 PVC, available in 16 colours. To see colours and details please visit our website: <https://straitline.co.nz/fabrics/outdoor-6000-pvc>. Outdoor 3000 Mesh does not require a border, as it has an incredibly high tensile strength and is dimensionally stable.

Where do they mount: Tension Blinds mount at the top and bottom of your gap only. At the top, they require continuous mounting which is achieved with a strip of aluminium inside the top hem (for face mounting) or rope track (for perpendicular mounting). At the bottom, they have our unique fold flat ring tensioning system (PTO for pictures). Hooks on the bottom of your blind (usually 4 per blind, depending on width) attach to fold flat rings, which are screwed into your deck or concrete. Please note that Tension Blinds don't fix on the sides, we aim to have 5-10mm clearance between the side of the blind and your post or wall (this can sometimes be larger depending on how square your outdoor area is). The side gap is important to prevent the blind rubbing in the wind causing damage over time.

Lifespan: Approximately 8-10 years. Like all things in life, this will largely depend on how you treat them. If you keep them nice and tight and clean them regularly, they will have the best chance of serving you for their full lifespan.

Wind rating: Tension Blinds are our toughest system and are recommended for use in high wind zones. They haven't been tested in a wind tunnel like Ziptrak, but the feedback from our customers and our own prototype tension blinds have shown us that this design is capable of withstanding winds of at least 150kph (depending on size and the strength of the structure it is mounted to).

Warranty: We do not have a formal warranty set up for our products, however if something goes wrong because of a faulty component or if we got something wrong in the manufacture/install process then we will sort it out for you!! There is no need to worry, we do not leave any of our customers hanging.

Can you DIY Tension Blind installation? Yes. We will give you installation instructions and the process is relatively simple for anyone with a bit of DIY experience.



Tensioning System



Flush Ring in Stowed Position



Clear PVC Tension Blind



Outdoor 3000 Mesh Tension Blind