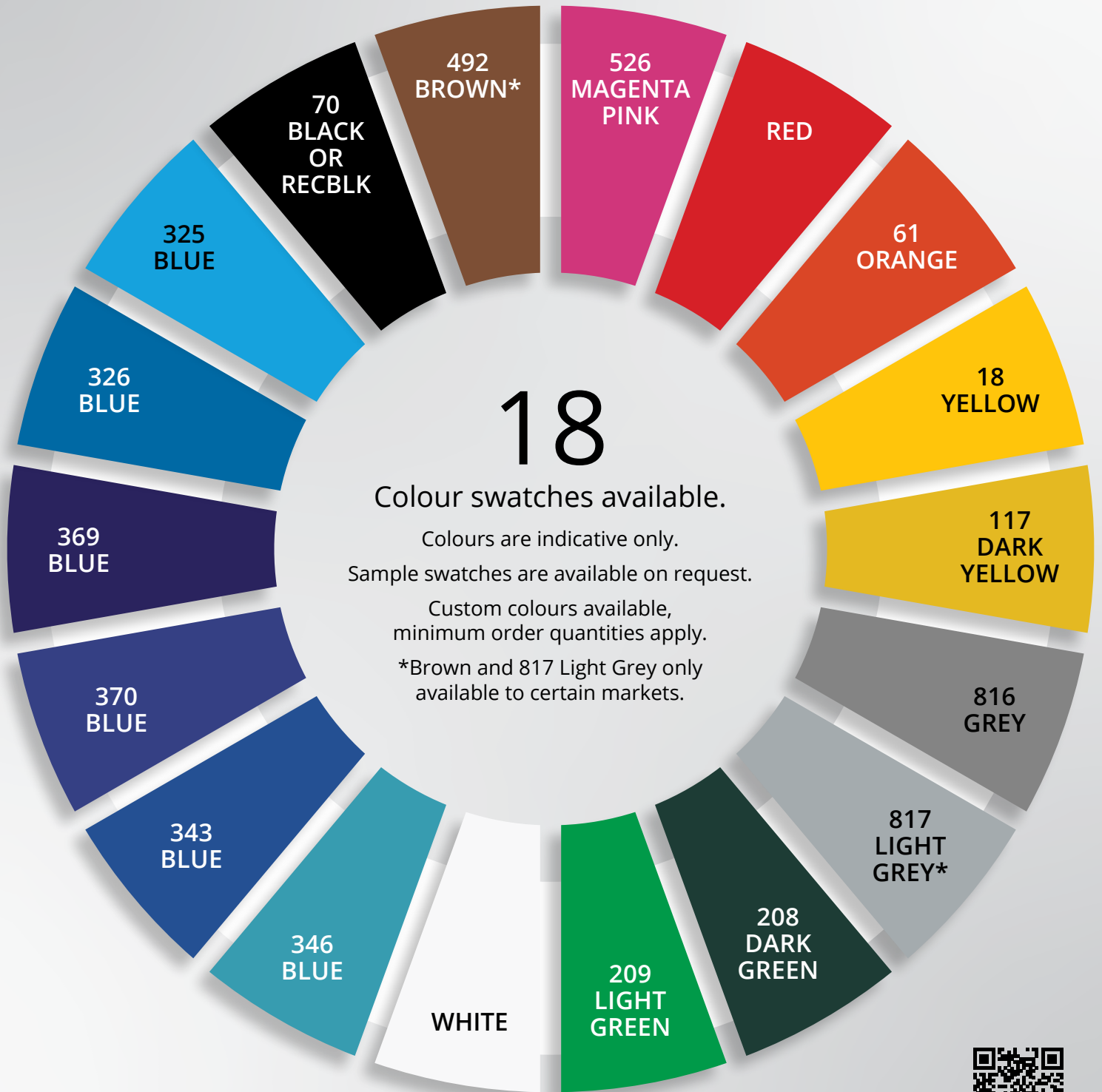




RHINO Guards

Colour Chart



[mudguards.co.nz/
colour-chart/](https://mudguards.co.nz/colour-chart/)

** For exact colour matching, please provide us with your Pantone colours.



RHINO Guards

The plastic guards with the built-in sunscreen

RHINO's plastic guards are moulded from a polymer which includes a UV stabiliser to protect from sun damage. The pigments we use also have the highest UV rating possible - UV8 - giving the guards outstanding resistance to colour fade.



Popular competitor mudguard in Australia on a truck with one faded guard (left) and one new guard not yet faded (right). Notice the huge difference in colour between faded and unfaded.



Trailer with RHINO Guards (9 years old); the colour has minimal fading.

RHINO mudguards are Rotationally Moulded using high grade LLDPE specifically designed for the rotational moulding process. This material is supplied from the polymer manufacturer with a high quality UV and anti-oxidant package included into the base polymer. The polymer used in RHINO mudguards has been tested by exposing the material to high levels of UV at a similar wavelength as the sun. This test is also conducted at an increased temperature and humidity level to increase the demand on the UV protection. This test exposes the samples for at least 8000 hours before they are tested to ensure that sufficient physical properties of the material remain. This material is then given the rating UV8. There is no direct calculation to state how long a plastic part that has been tested to UV8 will last in service. However, the standard UV protection for plastic water tanks is UV8 so it would be reasonable to expect these parts to last for a number of years before UV degradation results in failure.

Colour is then added by compounding pigments into the base polymer. These pigments have high heat stability and excellent light fastness. Pigment light fastness is measured on the Blue Wool Scale. This scale has ratings from 1 to 8; 1 being low resistance to fading and 8 being high resistance to fading. Pigments used in the rotational moulding process have a high rating, usually 8 which is the highest rating on this scale. This means that significant colour change and fading is not expected over the life of the mudguard.

www.mudguards.co.nz/rhino-guards-uv-performance

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