



Our Products:

Recognised Brand Name by Global Landscape Architects:

Rosehill TPV® is a globally recognized brand name for a very unique premium quality virgin rubber. Made from anti-oxidants, UV stabilizers and pigments, it was developed as a more robust and versatile granule than what was available in the market.

It has been installed and in the Australian market, since 2008, proving its testimony. Globally it's been around since 2003, in projects such as; the London Olympic Stadium Circle Bridge, the Russian Olympic Games in Sachi, Disney, Sea World and Universal Studios. Highly valued by international architects and installers alike for its robust nature.

Standards:

Rosehill TPV® complies with Australian Standard AS/NZS 4422:1996, 'Playground surfacing specification', as well as International Standards BS EN 1177 and BS 7188.

With over 20 colours available Rosehill TPV® is the perfect rubber granule for any architect who designs outdoor or indoor leisure, sports and/or play surfaces. Rosehill TPV® will more than meet the requirements with outstanding durability and cost effectiveness.

Our Difference:

Why has Rosehill TPV® has been so successful so quickly?

Rosehill TPV® performs how we say it will. It offers better UV stability than even the world's best two EPDM suppliers and the evidence is down on the floor to be seen, touched and understood. Unlike most EPDMs it does not harden and feel harsh to the touch or gravel like aged EPDM does.



Toxic?

The fact is that it contains no harmful materials doesn't leach harmful pollutants or otherwise into the environment and meets internationally recognised standards. Rosehill Polymers have had to jump through hoops to prove to the world that it does exactly what it

was developed to do. We accommodated significantly more testing than the generic EPDM suppliers have had to do and market share has grown not because it is the cheapest rubber granule on the market but because it is a premium coloured rubber granule that offers longevity, not a quick fix and issues down the line.

Company Profile:

Surface Designs is a wholesale company for the rubber surfacing industry and is the sole and exclusive distributor for Rosehill Polymers' products for Australia and New Zealand. We have a reseller in NZ. Please contact us for more information.

Rosehill Polymers is a UK company that has been at the forefront of innovative polymer and granule technology for over 20 years, an industry leader in the international manufacture and supply of coloured rubber granules, binders and adhesives.

Their substantial investment in cutting-edge technology and a unique purpose built production facility (ISO9001 certified) ensures Rosehill TPV® is made to a consistently high quality.





How to specify Rosehill TPV® by Rosehill Polymers

Surface Designs is the sole importer and distributor of Rosehill TPV® for Australia. To ensure that you specify the original Rosehill TPV® by Rosehill Polymers please include the following in your specification paperwork:

Rubber Wear Layer brand name is: Rosehill TPV® INPLAY 1-4mm
Rosehill TPV® INSPORT 0.5-1.5mm

The Rubber shall match the following characteristics:

The wear layer shall consist of Rosehill TPV®, purchased from Surface Designs or a reseller of Surface Designs. Rosehill TPV® is a fully cross-linked, non-spherical, polypropylene-free polyolefin elastomer-based coloured rubber granule with geometric granule. Size of 1-4mm for Rosehill TPV® INPLAY and 0.5-1.5mm Rosehill TPV® INSPORT.

- Appearance Angular granules
- BASE POLYMER CONTENT >20%
- Full technical and safety data to be included with tender documentation
- Rosehill TPV® INPLAY 1-4mm
- Rosehill TPV® INSPORT 0.5-1.5mm

Colour selection: Refer to list overleaf.





Colour shall be UV stable. Ask that the installer supply the name of the proposed product, manufacturer and supplier for approval. Provide product characteristics for approval.

Certificate of Authenticity:

To ensure that you have the genuine installation of Rosehill TPV® we can issue you with a **Certificate of Authenticity** for your project. Please request that the successful installer provide you with this Certificate for proof of legitimate product installed. A Certificate of Authenticity can only be issued by Surface Designs.

ROSEHILL TPV[®] UNIQUE COLOUR CODES:

Please check on availability of colours when placing an order. Some colours may not be in stock and would need to be ordered from Rosehill Polymers in the UK

PRODUCT NUMBER	PRODUCT DESCRIPTION
RH01 	Standard Red
RH02 	Bright Red
RH10 	Standard Green
RH11 	Bright Green
RH12 	Dark Green
RH20 	Standard Blue
RH21 	Purple
RH22 	Light Blue
RH26 	Turquoise
RH30 	Beige

RH31		Cream
RH32		Brown
RH40		Mustard Yellow
RH41		Bright Yellow
RH50		Orange
RH60		Dark Grey
RH61		Light Grey
RH70		Black
RH90		Pink

Please contact us on the following:

+61 425 356 409 | +612 9986 2445

sales@surfacedesigns.com.au | www.surfacedesigns.com.au

UV Resistance

Rosehill Polymers TPV Granules are tested in a QUV Weatherometer Machine, manufactured by Q-LAB.

The granules are exposed to alternating cycles of UV light and condensation.

They are measured on a standard Grey Scale after 1000 hours exposure.

Readings are between 1 and 5.

5 represents no change and 1 represents significant change.

A resistance of 3 minimum is required by DIN standards.

CODE	COLOUR	READING	* READINGS FOR EQUIVALENT EPDM COLOURS
RH01	Standard Red	5	5
RH02	Bright Red	5	3
RH10	Standard Green	5	3/4
RH11	Bright Green	4	N/A
RH20	Standard Blue	4	3/4
RH21	Purple	3/4	3
RH22	Light Blue	5	3/4
RH23	Azure Blue	5	3/4
RH30	Beige	5	4
RH31	Cream	4	4
RH32	Brown	4/5	4/5
RH40	Mustard Yellow	4/5	4
RH41	Bright Yellow	4/5	3
RH50	Orange	5	3/4
RH60	Dark Grey	5	4
RH61	Light Grey	4	4

* Readings taken from an EPDM manufacturer's internet site.

Polyurethane Binder:

We also import polyurethane binder of the highest standard from Rosehill. Again, to ensure you specify our polyurethane, you would need to state this in your documents as - **Flexilon Polyurethane by Rosehill Polymers.**

It is unacceptable to mix two products from different manufacturers. The Contractor shall confirm binder source with the Principal's Representative.

Polyurethane Binder Ratios

Volume of binder (litres)	Equivalent weight of binder (Kg)	% of Rosehill TPV® (i.e. weight of binder divided by 25Kg of Rosehill TPV®)	% of total Rosehill TPV® and binder (i.e. weight of binder divided by 25Kg of Rosehill TPV® plus weight of binder)
5	5.5	22	18
4.5	4.95	19.8	16.5
4	4.4	17.6	15
3.5	3.85	15.4	13.3
3	3.3	13.2	11.7
2.5	2.75	11	9.9

The recommended level therefore is 4 litres of binder per 25Kg bag of Rosehill TPV®



Please contact our office if you would like a copy of any of the following:

- TPV Safety Data Sheets
- Polyurethane Flexilon Technical Data Sheets
- Impact Attenuation Test Report by Professor David Eager
- Flammability Test Report
- Chlorine Test Report
- Slip Resistance Test Report
- Toxicology Test Report

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