

Rubber SoftFall Specification

TPV

TPV is new to Australia and is considered to be the most superior rubber available. EPDM has been the highest quality rubber available, until now. TPV uses only premium raw materials and has the highest UV stabilization.

TPV v EPDM

Both TPV and EPDM granules were bonded with Rosehill Flexilon 1102 slow binder and Flexilon 1118 medium cure and aged alongside one another for four actual months (2880 hours total in the machine).

The EPDM GRANULES (Far Eastern Supplier) showed considerable whitening and also the surface became much harder. The degradation was quite substantial.

The time in the QUV weather machine equates to almost four years in a moderately sunny climate, however probably approximately only 2 years in a Mediterranean climate.

The TPV samples show little if any deterioration, any minor colour change visible in the TPV is due to the binder not the granules.

Results:

EPDM is superior to CSBR and TVP superior to EPDM, so if this test was completed on all 3 rubber types the results would be:

1. TPV
2. EPDM
3. CSBR



EPDM

(Ethylene Propylene Diene Monomer) Rubber Wet-pour is a manufactured product, as such each granule is solid in colour. This premium product is the most durable rubber wet-pour installation available. One of the benefits of this surface is, as it wears the colour remains. As

with any premium product, one has to be careful that cheaper imitations are not used, we use the highest quality peroxide-cured EPDM available.

One of the great things about selecting EPDM is the colour range, the colours range from subtle heritage colours to the brightest colours in the rainbow allowing your imagination to run wild while planning for patterns and themes. Past Installations have included frogs, crabs, fish and other sea animals, koalas, kangaroos, echidnas and other native animals, shapes and patterns. With the colours available the sky is the limit.

CSBR

Pre-Coated Recycled Rubber Wet-pour consists of recycled rubber shred or granules. During manufacturing each piece of rubber is individually coated with coloured oxide and dried. This application is mixed with polyurethane on site. Popular colour choices are Terracotta, Light Green, Dark Green, Sky Blue, Dark Blue, Brown, and Earth Yellow. Although wearing and fading of the surface colour may eventually occur, the coating of the individual granules slows the process. At any stage this surface can be refreshed by applying our Rubberised Paint.

Shred

Recycled Rubber Wet-pour is the least expensive option in rubber wet-pour applications, environmentally friendly it consists of recycled rubber shred or granules derived from used car tyres that are specially treated. The Rubber shred is mixed on site with polyurethane and a coloured oxide. Limited colours are available, popular colour choices are Terracotta, Green and Sky Blue. Other colours available are grey, chocolate brown, cherry and marigold yellow. Patterns and designs are achievable with this product. This Rubber Surface has a tendency for the colour to wear or fade over time. Our company increases the life of your colour by adding generous amounts of quality oxide to ensure a reasonable, cost effective life span.