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Electrical Isolations / Industrial Absorba-Floor

Product Overview

Electrical Isolation / under Concrete Slabs / Acoustic Absorba-Flooring rubber is a great looking recycled rubber floor using a mix of black recycled rubber from Queensland and other Australian states with the addition of 20% EPDM colour speckles in custom colour combinations. This range is specifically engineered in various thicknesses from 3mm to 10mm to meet the diverse range of end use applications. For the environmentally conscious 'green' designers and specifiers, Absorba-Floor coloured rubber flooring is a great environmentally friendly flooring and Electrical isolation option.

Specifications

- Density: 1000kg/m³
- Thickness: 3mm, 4mm, 5mm, 6mm, 7mm, 8mm and 10mm
- Length of Roll: Various Full Roll Lengths.
- Width of Roll: 1.1 metres wide only
- Slip Resistance: Wet Pendulum – Class X
- Dry Pendulum – Class F
- Tensile Strength: 1.40 N/mm² (ASTM D412)
- Hardness (Shore A): 50
- Tolerance: Roll width ± 1.5%
- Roll length ± 1.5%
- Thickness ± 0.3mm
- Density ± 1.0%

VOC Emissions Certification: Green Building Council of Australia Green Star Office Design IEQ-13
Green Star Office Interiors IEQ-11 (ASTM D5116)

Temperature Range: -25°C to 80°C

Fire Rating (CHF): 5mm 3.6 kw/m² (BSEN 13238-2001) 8mm 3.5 kw/m² (BSEN 13238-2001) **Smoke Value:** 5mm 66% min 8mm 72%

Impact Sound Reduction: = 16dB, Ln, w + Ci = 61 tested at 3mm minimum (EN ISO 140-8)

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The Acoustic Absorba-Floor range of flooring meets the needs of clients with applications such as; Noise Reduction & Wear Resistance in High traffic Common and Recreation areas, High Voltage Cable Crossovers and many other areas of isolation of Electrical current, Heavy Machinery & Industrial Buildings & Structures, Gymnasium weight rooms, under Concrete Slabs for sound absorption, Golf Pro Shops, Walkways & Hallways, ALL Sports change rooms and similar activities requiring the durability of an attractive rubber floor at an affordable price.

- Consultation should be sought in determining the correct thickness for each end use application.

EPDM (Ethylene Propylene Diene Monomer) is widely used today in the rubber playground industry.

OPAL EPDM is the result of two years of exhaustive formula testing to provide the best synthetic rubber granule on the market today. **OPAL** is a granular **EPDM** rubber that is cured using a new peroxide process which substitutes the old sulfur cure mechanism, which has been the catalyst in the majority of problem cases where the **EPDM** has whitened after installation.

The substitution of peroxide for sulfur as the curing mechanism the list of applications can be expanded due to the enhanced properties realized with peroxide. Peroxides have the advantage of creating compounds that exhibit improved aging, heat stability, modulus and compression set. They also create more colour stable compounds that will not revert during cure and have less tendency to bloom (whiten).

- Bright Vivid Colours
- High UV Resistance
- Excellent Flexibility & Modulus
- Decreased Age Deterioration
- No Sulphur Blooming (whitening)
- 19 Colours to Choose From

OPAL peroxide cured EPDM meets all the criteria needed

For the modern Australian synthetic rubber surfaces for Indoor & Outdoor applications.



The above Colours are just one from each Colour Pallet there are many variations with the Plain Black in as much density as required or Plain Black is an option for Industrial areas, Conveyor Walkways or Field Machinery.