

200Q QUARTZ SHIELD

Slip Resistant Additive



Description

Our Quartz Shield system is made with some of the finest, uniformly shaped and sized quartz granules on Earth. This results in a unique and brilliantly coloured product. We use an advanced resin system and high-quality pigments to create a highly resilient surface that's exceptionally sturdy while resistant to harsh chemicals and UV rays, making it perfect for demanding environments. Additionally, Quartz can be applied to achieve a variety of textures to reduce the risk of slip and fall related injuries.

Recommended Uses

- Mechanical Workshops and Warehouses
- Factories and Manufacturing Facilities
- Car Parks
- Loading Bays and Ramps
- Food Processing Plants
- Chemical and Pharmaceutical Industries
- Laboratories
- Washrooms and Cloakrooms
- Wet and Dry Areas
- Residential Properties
- Commercial Areas
- Pool Surrounds

Features and Benefits

- Excellent Abrasion Resistance
- Excellent Chemical Resistance
- Slip Resistant
- High Durability
- Pre-Coloured / Tinted
- Food Contact Safe
- UV Resistant
- Uniform Quartz Size

Product Information

Shelf Life	5 years. Store in a cool, dry area and out of direct sunlight
Coverage	40 Grade: Broadcast –20-25m ² /Bag (22.5kg) 25 Grade: Broadcast–15-20m ² /Bag(22.5kg)
40 Grain Profile	Grain Size: 40 Mesh Grain Shape: Spherical Typical Application: Broadcast
25 Grain Profile	Grain Size: 25 Mesh Grain Shape: Angular Typical Application: Broadcast



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Physical Properties

Hardness	Mohs Scale:6.5 –7	
Moisture Content	ASTM C566-97: < 0.5%	
Colour	ASTMD2244: Pass	
UV Stability	ASTM G155: Pass	
Weatherability	ASTM G155:Pass	
Melting Point	1700°C	
Resistance to Chemical Spills (7 days at 25°C)	luminium Sulfate (25%)	Ammonium Hydroxide (28%)
	Chlorine Bleach (15%)	Hydrochloric Acid (100%)
	Industrial Detergent (50%)	Mineral Spirits (100%)
	Sodium Carbonate (40%)	Tricloro-s-trianzenetrione (10%)
	Water (100%)	Trisodium Phosphate (40%)
	Xylene (100%)	

CAUTION

- Do not use the same mixing tool in both Part A and Part B as this will cross-contaminate the product. Cross-contamination will cause lumps in the individual tins.
- The mix ratio is calculated by product volume. NOT BY PRODUCT WEIGHT. Mixing product by weight may result in an unsatisfactory cure time or failure of the mix to cure entirely.
- To achieve optimum results in colder climates, you may need to warm the resin or introduce an induction time before application. This will jump start the curing process. For further information, consult All Purpose Coatings, technical advisers.
- Exposure to sunlight and UV radiation can result in discolouration and chalking of the cured surface. However, this will have no adverse physical effect on the putty.
- All Solvents, corrosives and spills should be cleaned up as soon as possible.

In an emergency, contact the Poisons Information Centre on 13 11 26 or a doctor for advice. IF THE SITUATION IS LIFE THREATENING, DIAL 000 IMMEDIATELY.

DISCLAIMER: Please ensure you read the SDS & TDS thoroughly & carefully before the use or application of any All Purpose Coatings product. These documents contain information in context to how you will apply the product, including if it is being used in conjunction with any other products or systems, and to what surface the product will be applied. All-Purpose Coatings Pty Ltd does not accept any liability either directly or indirectly for any losses that arise from the use or application of the product in accordance with any advice, specification & recommendation given by the companies' documentation or representatives at any point in time. Application, performance & safety data may change from time to time. It is the user and/or applicators' responsibility to ensure they have the latest copy of any documentation pertaining to their project. Industry standards recommend the accurate recording of times and dates, batch numbers, consumption rates and environmental conditions including substrate and air temperatures, humidity levels and dew point readings during both the application and curing processes. Full material warranties cannot be provided unless all the relevant data has been recorded accurately.

Quartz Shield is not suitable for areas with excessive cracking or movement.

NOTE: Refer to individual Installation Instructions & SDS for mixing instructions, recommended PPE during preparation & application of products.

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TECHNICAL DATA SHEET APC V0224