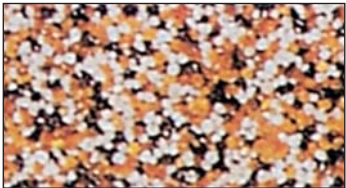


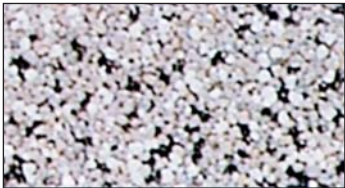
Technical Data

Coverage	See Application Guide for surface type.
Drying Time	Touch dry for recoating 8-16 hours @ 20°C. Full cure will be achieved approximately 7 days after application
Appearance When Dry	Quartzdek transparent resin base: glossy clear. Quartzdek full system variegated colours as per shade.
Composition	Specialised moisture curing polyurethane.
Solids by weight	70% typical (relates to Quartzdek resin base).
Solids by Volume	65% (relates to Quartzdek resin base).
Specific Gravity	1.02 typical (relates to Quartzdek resin base).
Shelf Life	6 months with lid secure.
Colour	Transparent (add Quartz granules to desired colour).
Granules	Quartz grains coated with a light fast organic and inorganic pigment. Each grain is coated with 2 part resin.
Flash Point	32°C - 55°C
Liquid Water Transmission	Impermeable when laid as a full system.
Package Sizes	5kg container.
Cleaning	Acrypol Cleaner
Storage	Store in even moderate temperature. Refer to product data Health and Safety sheet.

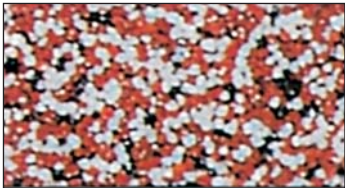
Quartz Granules Colour Combinations



Yellow/Light Grey/Black

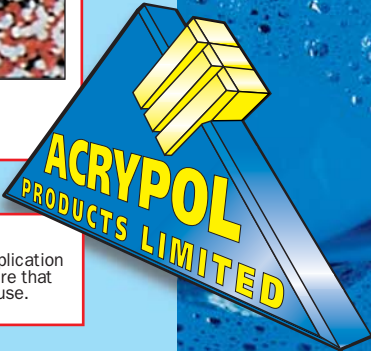


Silver Grey/Light Grey/Black



Red/Light Grey/Black

CONDITIONS OF SALE CAN BE SUPPLIED UPON REQUEST
The above application instructions are for guidance only and do not constitute any warranty for product performance. Comprehensive application instructions relating to specific surfaces may be obtained on application to the manufacturer. Every endeavour has been made to ensure that the information printed on this leaflet is reliable, but we cannot accept liability for loss, injury or damage which may result from its use.



Waterproof floor coating for Balconies & Terraces

QUARTZDEK



before



after

STRUCTURAL WATERPROOFING SOLUTIONS

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BALCONIES **QUARTZDEK** TERRACES

QUARTZDEK has been developed from proven technology used extensively in Europe during the past 25 years for the renovation of balconies and terraces. These areas are often considered to be our 'private retreats' where sunshine and relaxation can be enjoyed. However, the constantly changing climate together with mechanical wear and tear can soon turn our pleasure into nightmare.

Moisture formed as a result of rain, snow or frost can penetrate the substrate of the floor through cracks in the

surface or poorly formed joints and consequently through adjacent walls and ceilings of balconies below.

The effects of this process can be quite devastating with the damage which dampness can cause internally not to mention the structural deterioration caused by corrosion of steel reinforced bars and balustrade.

Application of **QUARTZDEK** to balconies and terraces will not only prevent damage and deterioration as described above but will provide an aesthetically pleasing environment for your benefit

See the transformation of this balcony for yourself...



Coating the edges with Quartzdek transparent resin and scattering in the Quartz granules.



Applying Quartzdek transparent resin base coat by mohair roller to the asphalt floor.



Scattering the Quartz granules onto the wet Quartzdek transparent resin base coat using a strainer.



Final coat of Quartzdek transparent resin sandwiches in the Quartz granules and transformation is complete!

IMPORTANT: **QUARTZDEK** can only be applied to surface areas which can be totally isolated from foot traffic during installation and for a minimum of 48 hours in favourable drying conditions thereafter. Furniture should not be placed on the completed application for 7 days.

Product Description

QUARTZDEK is a highly durable coating system combining single component polyurethane technology with the addition of Quartz granules to provide a highly abrasion and weather resistant surface with good anti-skid properties.

QUARTZDEK is available in a range of variegated colours made up from the Quartz granules which are incorporated into the **QUARTZDEK** transparent resin base.

Although **QUARTZDEK** is tough and hard wearing the cured coating film is flexible and capable of withstanding dynamic movement which is particularly important on balconies and terraces due to temperature fluctuations which can result in excessive thermal load.

Surface Preparation

All surfaces must be clean and dry prior to coating application. Masonry substrates should not have a mean moisture content of more than 7%. Application to damp substrates may result in foaming of the coating. **QUARTZDEK** should not be applied in temperatures less than 5°C. After initial cleaning quarry tiled and ceramic floor tiles should be swabbed with **QUARTZDEK** IP6289 surfacer and allowed to dry prior to coating application. All cracks and holes in the substrate should be made good prior to **QUARTZDEK** application.

Application Guide

Intended for application to concrete, cement, asphalt, new plywood ramps/decking and quarry/ceramic tiled flooring substrates. New concrete and cement surfaces must be at least 4 weeks old.

IMPORTANT: **QUARTZDEK** transparent resin must be applied using a mohair or gloss paint roller.

Application and subsequent drying should not be carried out in times of high humidity or precipitation as this will severely affect the appearance of this product. Care should be taken to protect the Quartzdek transparent resin from rainfall for up to 8 hours after application.



Quartzdek can also be used to renovate stair treads and risers.

System applied to:

CONCRETE AND CEMENT

1. The concrete or cement should be sealed by brush with **QUARTZDEK** sealer at a coverage rate of 7-8m² per litre dependant on surface porosity.
2. After a minimum of 1 hour in favourable drying conditions, a first coat of **QUARTZDEK** transparent resin should be applied at a spreading rate of 0.5 kilos per square metre in a regular pattern of 1 metre width.
3. Into this 1 metre broad strip while still wet Quartz granules in the selected colour combination are then scattered evenly but abundantly (approximately 3kg per square metre) by hand or with a strainer. After a drying time of 8 hours minimum the surplus Quartz not bonded to the resin is swept or vacuumed away. The excess Quartz recovered in this way can be used again.
4. Following this procedure a second and final coating of **QUARTZDEK** transparent resin is applied at a spreading rate of 0.5 kilos per square metre again in a regular strip pattern of 1 metre width. **NOTE:** Where the concrete or cement has been over-painted it is necessary to carry out an adhesion test between the over-painted surface and the **QUARTZDEK** transparent resin i.e. Apply up to 1m² of

QUARTZDEK transparent resin directly over the surface to be treated. After 48 hours inspect the surface for any evidence of an adverse reaction. If any reaction has occurred, refer to our Technical Department for advice.

ASPHALT

The asphalt should be sealed with one coat of **QUARTZDEK** transparent resin applied at 0.25 kilos per square metre and left for a minimum of 8 hours drying in favourable drying conditions. Thereafter, a first coat of **QUARTZDEK** transparent resin should be applied at a spreading rate of 0.5 kilos per square metre in a regular pattern of 1 metre width. The procedure thereafter is as shown for concrete and cement described above in steps 2-4.

NEW PLYWOOD (NOT SUITABLE ON WEATHERED PLYWOOD)

1. The plywood should be sealed by brush or roller with **QUARTZDEK** Wood Sealer (ADS-PG) at a coverage rate of 7m² per litre.
2. After 3 hours in favourable drying conditions, a first coat of **QUARTZDEK** transparent resin should be applied at a spreading rate of 0.5 kilos per square metre in a regular pattern of 1 metre width. The procedure thereafter is as

shown for concrete and cement described above in steps 3-4.

QUARRY TILES & CERAMIC FLOOR TILES

Following strict observation of surface preparation shown under separate heading above, apply a sealer coat of **QUARTZDEK** transparent resin at 0.25 kilos per square metre and allow to dry for a minimum of 8 hours in favourable drying conditions. Thereafter, a first coat of **QUARTZDEK** transparent resin should be applied at a spreading rate of 0.5 kilos per square metre in a regular pattern of 1 metre width. The procedure thereafter is as shown for concrete and cement described above in steps 3-4.

CLEANING OF EQUIPMENT

Cleaning of equipment must be carried out with Acrypol Cleaner immediately after the coating has been applied.

NOTE: In certain cases it may be necessary to increase the coverage rate of **QUARTZDEK** transparent resin in circumstances of high porosity or uneven surfaces.

Technical Services:

Our Contract Service Division specialise in the installation of the **QUARTZDEK** system and will be pleased to carry out a site survey, specification and quotation for specific projects. Other advice regarding the system may be obtained on application to our Technical Department or Area Representative.

QUARTZDEK Waterproofs