

RESIN BOUND DRIVEWAY SYSTEM



DESCRIPTION

This system involves encapsulating all of the aggregate within the resin then applying it to between 15 – 18mm in depth with no loose aggregate remaining.

- ◆ Available in a wide range of colours
- ◆ Slip resistant
- ◆ Self draining
- ◆ Wheelchair & Pushchair friendly
- ◆ Crack and Frost resistant
- ◆ Oil & stain resistant
- ◆ Durable & UV stable
- ◆ Resin bound gravel is water permeable

Standard Colour Chart



GOLDEN PEA



RED



ROSE



**AUTUMN
QUARTZ**



**DALTEX
GREEN**



SILVER



**DALTEX
BLACK**



**DALTEX
WHITE FLINT**

SUBSTRATES

Concrete, Granolithic/Polymer Screeds, Stone, Terazzo, Timber / WBP Ply, Metal

TYPICAL USES

- ◆ Domestic Driveways / Paths
- ◆ Landscape scheme's
- ◆ Balconies
- ◆ Disabled Ramps
- ◆ Tree Pits
- ◆ Heritage Sites
- ◆ Showrooms
- ◆ Leisure

The applied colours may differ slightly from the examples shown above. Contact our customer services for a true colour sample or a special colour match. Special corporate colours and designs can be produced to special order.

DRIVEWAY RESIN SYSTEM—BOUND

SPECIFICATION

Quattro to clean concrete or tarmac base with a pressure washer or scabblor.

With a forced action mixer, we bind together the aggregate with a UB stable high grade resin liquid. This is poured onto the area to be surfaced.

Quattro to hand trowel the stone aggregate onto designated area to give smooth finish. We lay the surface to a depth between 10 – 18mm.

To finish Quattro scatter an anti slip glass sand onto the wet resin surface to provide a firm grip for shoes and tyres.

TECHNICAL INFORMATION

The figures following are typical properties achieved in laboratory tests at 21°C and 55% Relative Humidity.

Temperature Resistance -Resistant to temperatures of up to 50°C for long periods.

Chemical Resistance—To various acids, diesel and petrol as well as strong bases.

Elongation at Break—100% to BS2782 Part 3

Tensile Strength—Greater than the cohesive strength of concrete, >3 N/mm²

	10°C	20°C	30°C
Light Traffic	5 hours	3 hours	2 hours
Full Traffic	36 hours	Overnight	Overnight
Full Chemical Cure	12 days	7 Day	7 Days

CLEANING AND MAINTENANCE

Normal Use

Quattro Contracting (Pen) Ltd driveway resin surfaces are intended to be used by normal pedestrian or vehicular traffic for which they have been designed. Protection should be provided wherever possible against abnormal usage.

Abnormal Use

Heavy objects, such as waste skips, should not be dragged across the surface and protection should be provided during building and construction work to avoid unsightly contamination from the following:-

- ✦ Oil
- ✦ Grease
- ✦ Cement
- ✦ Dirt

Also spillages of oil and solvent should be avoided where possible as these will soften the binder which will cause damage.

Routine Maintenance

Keep the surface swept clean with a stiff broom and hose with clean water.

Moss and Algae Growth

Weed growth should be treated prior to surfacing and it is highly unlikely that any new growth will be sustained. Periodical use of algae killer in accordance with the manufacturer's instructions will remove and prevent any re-growth. After use of any algae killer the driveway must be cleaned and well rinsed with clean water.

Ice or Frost on the surface

The removal of ice or frost from the surface can be achieved by the application of salt; the area can also be treated with salt to prevent freezing occurring. When the weather has returned to normal all driveway surfaces must be hosed clean to remove salt from surface.

CLEANING

Washing can be carried out using a portable pressure washer (up to 150 bar rating) to remove dirt, grime and moss. Only cold water should be used and the water lance must be kept at least 20 cm from the surface and a fan type jet used.

Cement or Concrete Marks

Cement or concrete marks can be removed with careful use of dilute hydrochloric acid or a proprietary cement remover, immediately followed by a thorough rinsing with clean water.

(Please note – that if a lime based aggregate has been used, the acid will tend to dissolve this as well).