

CONIPAVE RA

Product description

CONIPAVE® RA is a water permeable, flexible, soft under foot surfacing system using a blend of naturally decorative aggregates and recycled SBR rubber granules from used tyres. Our latest options also include recycled grey EPDM rubber and blends with a higher percentage of aggregate (EA blends).

Fields of application

CONIPAVE® RA is suitable for pedestrian, bicycle and equestrian traffic on pathways and rural trails. CONIPAVE® RA meets the accessibility requirement for wheelchair users, prams and buggies.



Common uses:

- Playground walkways
- Tree pits
- Cemetery pathways
- Canal and river paths
- Daily mile tracks
- Bridleways
- Cycle paths
- Golf club pathways

Benefits:

- Outstanding water permeability – SUDS compliant (sustainable drainage systems)
- Reduces or eliminates planning requirements
- Low maintenance and easy to install
- Flexible, slip resistant surface
- Soft under foot
- Decorative, with bespoke finishes available

Technical Data

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Specification	Sub-base	Thickness (mm)	Aggregate blend m ² (kgs)	CONIPAVE 610 Binder per m ² (kgs)
	Concrete or tarmac	25	25 (standard)	3.3 (standard)
			32 (EA blends)	2.9 (EA blends)
	Well compacted stone	35	35 (standard) 45 (EA blends)	4.6 (standard) 4.1 (EA blends)
Test Certificates	The surface has been independently tested for slip resistance and porosity. Test certificates and a copy of the full report can be requested from Customer Services. The test certificates are only applicable where ALL the constituents are purchased directly from CONICA and the surfacing has been mixed and installed according to our instructions. Contact the Technical Department for more information.			
Stability and ecology	Once installed and fully cured, the surface is considered inert and non-toxic. The surfacing uses large quantities of recycled tyres, one of the most intractable wastes known to man and therefore has excellent environmental credentials.			
Above figures are guide values and should not be used as a basis for specifications				

Application Methods

The materials must be bound with a specially formulated CONIPAVE polyurethane binder in accordance with the manufacturer's instructions.

The only approved binder for the system is CONIPAVE 610. Binders from other suppliers or other standard CONICA binders **MUST NOT BE USED**.

For every 25kg bag, the chosen CONIPAVE RA blend should be mixed with CONIPAVE 610 binder, at the specified ratios in the table above.

The rubber aggregate blend should be mixed with the binder. The materials must be accurately measured and thoroughly mixed in a force action pan mixer for 3 minutes before application. **The same time MUST be used for each mix as this is crucial for consistency. NEVER mix only part of a bag.**

The materials should be applied to the substrate and levelled to the required thickness by rake, screed rails and bar or trowel, and then smoothed and lightly compacted with a roller or trowel. CONICA smoothing agent can be used to lubricate tools and ensure a good finish.

Once installed, the area needs to be protected until fully cured. Curing periods vary according to climatic conditions but typically can be between 6 and 24 hours.

Full strength of the surface will not be realised for 3 days after installation so for heavily used areas it is advisable to restrict the use during the first 3 days.

Standard colours

Six standard colours are available from stock.

Two EA blends are available from stock.

Bespoke colour options are available on request subject to minimum order quantities and extended lead times.

Avoid any installation during periods of rain, in standing puddles of water.

Optimal climatic conditions for a standard cure time are between 15°C – 25°C and 50% relative humidity. Working outside of these conditions may affect both the cure time and workability of the binder. When working in temperatures below 5°C, ACCELERATOR 10 or 15 may be used. **When working at temperatures (air or surface) above 25°C, a thixotropic additive should be used. Installation should be suspended when the air or surface temperature exceeds 30°C.**

Please contact CONICA Ltd. technical services on uktechnical@conica.com for further information.

CONIPAVE 610 binder is based on Aromatic PU and may therefore be subject to some initial yellowing which could be visible on lighter coloured aggregates. The yellowing will clear after time due to abrasion and further UV exposure.

Pack sizes

Rubber aggregate blend: 25kg

CONIPAVE 610 binder: 25kg kegs or 220kg drums

Storage

Keep the material dry at all times.

Safety precautions

CONIPAVE RA is non-hazardous in its cured condition. For protective measures, transport regulations and waste management, please refer to the Material Safety Data Sheet.

Please note

Where possible, CONIPAVE RA orders will be fulfilled from one production batch. Where this is not possible, the installer **MUST** mix the supplied batches in order to achieve colour consistency throughout the installation.