

CONIPAVE RA

Part of the CONIPAVE family of permeable paving solutions

Product description

CONIPAVE RA is a water permeable surfacing system using a blend of naturally decorative aggregates and recycled granules from used tyres.

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.

Properties

The black rubber granules and decorative aggregates are bound together with a specially formulated moisture curing polyurethane binder, to produce a firm surface with good grip and resilience. When constructed on a suitable base the surface is fully porous and meets the requirements for SUD's (Sustainable Urban Drainage Systems)



Technical data

Specification	Sub-base	Thickness (mm)	Aggregate blend m ² (kgs)	Conipave 600 Binder per m ² (kgs)
	Concrete or tarmac	25	25	3.3
	Well compacted stone	35	35	4.6
	Other firm base	50	50	6.6
Test Certificates	<p>The surface has been independently tested for slip resistance and porosity.</p> <p>Test certificates and a copy of the full report can be requested from the Technical Director. 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.</p>			
Stability and ecology	<p>Once installed and fully cured the surface is considered inert and non-toxic</p> <p>The surfacing uses large quantities of recycled tyres, one of the most intractable wastes known to man and therefore has excellent environmental credentials.</p> <p style="text-align: right;">Earth Brown</p>			
Above figures are guide values and should not be used as a basis for specifications!				

Application Method - Bonded system

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

The only approved binder for the system is CONIPAVE 600. Binders from other suppliers or other standard CONICA binders **MUST NOT BE USED**.

The aggregate blend should be mixed with the binder at a ratio of minimum 3.3kgs per 25kg bag of aggregate; for very heavily used areas this can be increased to 3.5kgs. The materials must be accurately measured and thoroughly mixed in a force action pan mixer for a minimum of 3 minutes before application.

The materials should be applied to the substrate and levelled to the required thickness by rake, screeds or trowel

and then smoothed and lightly compacted with a roller or trowel. BN25 environmentally friendly smoothing agent can be used to lubricate the 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.

Avoid installation during periods of rain, in standing puddles of water or at temperatures below 10°C.

The Conipave 600 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.

Standard Colours

Three standard colours are available from stock (special colours can be ordered subject to lead times and minimum quantities)

Benefits:-

- Simple to install.
- Does not necessarily require a newly engineered base.
- Low maintenance.
- Uses one of the most intractable wastes known to man
- Common uses:
 - Footpaths
 - Eco-trails
 - Cemetery paths
 - Cycle ways
 - Tree pits
 - Canal and river paths



Pack size

Standard 25kg PE bags usually ex-stock for standard colours

Storage

Keep aggregate dry and binder in frost free conditions.

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.

CONICA LTD
Jessop Way / Newark
Nottinghamshire
NG24 2ER
United Kingdom

Phone +44 (0)1636 642 460
Fax +44 (0)1636 642 477
enquiry@conica.com
www.conica.com

Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, our representatives or distributors, as the conditions of use and the professional competence involved in the application of the product are beyond our control.

As all CONICA data sheets are updated on a regular basis, it is user's responsibility to obtain the most recent issue. Registered users can obtain the actual data sheets from our webpage. Hard copies are available upon request.