

# DATASHEET 5.01









## RONADECK

### ECOPATH UV



Aggregate and recycled rubber resin bound surfacing system

#### FEATURES

 <p><b>UV stable</b></p>	 <p><b>Highly porous surfacing</b></p>	 <p><b>Decorative</b></p>
 <p><b>Suitable for foot traffic</b></p>	 <p><b>Install on to MOT Type 3 base</b></p>	 <p><b>Uses rubber from recycled truck tyres</b></p>
 <p><b>Low maintenance</b></p>	 <p><b>Variety of colours</b></p>	

#### SPECIFICATIONS

Working Times - Winter Grade			
Ambient Temperature	5°C	10°C	15°C
Working Time	40-60 minutes	30-45 minutes	20-30 minutes
Lay before rain	3-4 hours	2-3 hours	1-2 hours
Pedestrian traffic after	12-14 hours	7-9 hours	5-7 hours

Working Times - Summer Grade			
Ambient Temperature	15°C	20°C	25°C
Working Time	50-60 minutes	40-55 minutes	35-50 minutes
Lay before rain	6-8 hours	4-5 hours	3-4 hours
Pedestrian traffic after	24 hours	13-14 hours	9-12 hours

Working Times - Tropical Grade			
Ambient Temperature	25°C	30°C	40°C
Working Time	55-90 minutes	45-75 minutes	30-45 minutes
Lay before rain	5-6 hours	4-5 hours	2-4 hours
Pedestrian traffic after	24 hours	14-16 hours	7-8 hours

Mix Designs	
Type	Size
RonaDeck EcoPath UV Resin	7kg
RonaDeck Eco Tree Pit Aggregate	75kg
RonaDeck EcoPath UV Rubber	15kg
RonaDeck Eco Tree Pit Sand	6.25kg
<b>Coverage</b>	2.4 m <sup>2</sup> at 35mm

<b>Minimum Depth</b> 35mm
<b>Permeability</b> >850 litres per m <sup>2</sup> per minute

RonaDeck EcoPath UV is a SuDS compliant, resin bound surface for pedestrian traffic. RonaDeck EcoPath UV surfaces are decorative and functional, seamless and slightly flexible. The open matrix allows water to drain through to the base, eliminating water ponding and allowing water to drain to planted areas or land drains.

RonaDeck EcoPath UV comprises RonaDeck EcoPath UV Resin, a two component UV stable polyurethane resin which binds aggregate and recycled vulcanised rubber granules. Due to increased flexibility from the recycled rubber, RonaDeck EcoPath UV is typically applied to compacted Type 3 aggregate to provide a thin alternative to asphalt or concrete. RonaDeck EcoPath UV is designed for light foot traffic only. It is not designed for road surfacing, drives or car parks.



## AGGREGATE TYPES

Only mix with suitable washed and kiln dried aggregates

## APPLICATION CONDITIONS

The working time and pot life of the resin is affected by material, ambient and substrate temperature. At low temperatures pot life is longer, the material will take longer to cure and the time at which it can be trafficked will be delayed. At higher temperatures pot life, working time and trafficking time is shorter. Typically, material can be applied between 5°C and 25°C.

Do not apply materials at higher temperatures as the pot life of the mixed resin will be so short that it cannot be properly mixed, applied and finished. Similarly, do not apply materials if temperatures are so low that the resins are either too viscous to mix or so slow to cure that the applied material could become damaged before it has fully cured.

## ENVIRONMENTAL IMPACT

The cured system is considered non-hazardous.

The material is manufactured in a BS EN ISO 14001:2015 accredited facility.

## SHELF LIFE AND STORAGE

Shelf life of RonaDeck EcoPath UV Resin is 6 months, aggregates and rubber granules have an unlimited shelf life when kept in warm, dry, well ventilated conditions.

Store all materials in clean, dry, frost free warehouse conditions between 10°C and 25°C. Protect from sunlight.

## How to contact us:

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**For more information please refer to technical data sheet.**

The information detailed in this leaflet is liable to modification from time to time in the light of experience and of normal product application, and before using, customers are advised to check with Ronacrete Ltd, quoting the reference number, that they possess the latest issue. Any person or company using the product without first making further enquiries as to the suitability of the product for the intended use does so at his own risk, and Ronacrete Ltd can accept no responsibility for the performance of the product, or for any loss or damage arising out of such use.