










# DATASHEET 3.02

# RONADECK RESIN BOUND SURFACING

Resin bound permeable paving for pedestrian and vehicle traffic

## FEATURES

 <b>UV stable</b>	 <b>1:1 ratio</b>	 <b>No primer required</b>
 <b>Pre-catalysed formulation</b>	 <b>Slip resistant</b>	 <b>High strength system</b>
 <b>SuDS compliant permeable system</b>	 <b>Manufactured to BS EN ISO 9001:2015 Quality Management</b>	 <b>20 year track record</b>

## 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
Vehicle traffic after	1-2 days	24 hours	15-17 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
Vehicle traffic after	2-3 days	1-2 days	1-2 days

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
Vehicle traffic after	2-3 days	1-2 days	24 hours

Mix Designs				
Blend	Coverage 15mm	Coverage 18mm	SRV	SRV
			Dry	Wet
Arctic Crunch	4.80 m <sup>2</sup>	4.00 m <sup>2</sup>	53	41
Argent Rouge	4.22 m <sup>2</sup>	3.52 m <sup>2</sup>	47	38
Autumn Forest	3.90 m <sup>2</sup>	3.25 m <sup>2</sup>	50	34
Aztec Gold	4.06 m <sup>2</sup>	3.38 m <sup>2</sup>	48	37
Butterscotch	4.37 m <sup>2</sup>	3.64 m <sup>2</sup>	40	37
Golden Jubilee	3.95 m <sup>2</sup>	3.25 m <sup>2</sup>	45	35
Harvest Crunch	4.01 m <sup>2</sup>	3.34 m <sup>2</sup>	50	39
Ivory	4.37 m <sup>2</sup>	3.64 m <sup>2</sup>	53	49
Lunar	4.05 m <sup>2</sup>	3.38 m <sup>2</sup>	55	47
Maple Glow	4.10 m <sup>2</sup>	3.40 m <sup>2</sup>	55	48
Midnight	4.19 m <sup>2</sup>	3.49 m <sup>2</sup>	52	47
Quartz Parallel	4.04 m <sup>2</sup>	3.37 m <sup>2</sup>	56	44
Riverbed	4.17 m <sup>2</sup>	3.48 m <sup>2</sup>	52	40
Rouge	4.19 m <sup>2</sup>	3.49 m <sup>2</sup>	46	36
Rustic Bronze	4.11 m <sup>2</sup>	3.43 m <sup>2</sup>	56	43
Silver Blue	4.26 m <sup>2</sup>	3.55 m <sup>2</sup>	44	42
Silver Moon	4.22 m <sup>2</sup>	3.52 m <sup>2</sup>	55	50
Terracotta Gold	4.33 m <sup>2</sup>	3.61 m <sup>2</sup>	46	40
Terracotta Medium	4.26 m <sup>2</sup>	3.55 m <sup>2</sup>	51	40
Terragrey	4.84 m <sup>2</sup>	4.03 m <sup>2</sup>	57	46

RonaDeck Resin Bound Surfacing is a permeable aggregate surface for pedestrian and vehicular traffic that has been formulated for the UK market. RonaDeck Resin Bound Surfacing is a two component polyurethane resin which binds decorative kiln-dried aggregates. 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 reducing the impact of urban development on flood risk and allowing water to flow into water courses when applied to a SuDS compliant base and sub-base.





**Ronacrete**  
WORLD CLASS MANUFACTURER

## APPLICATION THICKNESS

When mixed with kiln dried aggregates no larger than 6mm in diameter, the minimum application thickness is 15mm for foot traffic and 18mm for driveways.

## AGGREGATE TYPES

Only mix with suitable washed and kiln dried aggregates.

## APPLICATION CONDITIONS

Temperatures must be at least 5°C on a rising thermometer.

Application during rain or when rain is anticipated during the cure period is not recommended.

## 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 Resin Bound Surfacing is 6 months. Store materials in clean, dry, frost

free warehouse conditions between 5°C and 25°C. Protect from sunlight.

RONADECK

## How to contact us:

You can contact the Ronacrete office directly on **01279 638700**

Alternatively, you can email us using the email addresses.

**Sales**  
sales@ronacrete.co.uk

**Technical**  
technical@ronacrete.co.uk

**Office/ warehouse** Ronac House, Flex Meadow, Harlow, Essex CM19 5TD

**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.