



Thorset™ Resin Bound Coating System

Thorset™ is a flexible, colour and light stable, polyurethane resin bound paving system.

Thorset™ has been designed to enhance the visual appeal of driveways, patios, footpaths, pedestrian precincts, schools, commercial and retail premises, heritage sites and tree pits. Utilising natural and decorative aggregates, it transforms tired looking concrete and asphalt surfaces overnight. The open matrix allows water to drain through the surface eliminating any water ponding and allowing water to drain to planted areas or land drains.

Features

- UV stable
- 1:1 ratio
- No primer required
- Pre-catalysed formulation
- Slip resistant
- High strength system
- SuDS compliant permeable system
- Manufactured to BS EN 9001:2015 Quality Management

Specifications

Working Times – Winter Grade

Ambient Temp	15°C	20°C	25°C
Working time	40-60 minutes	30-45 minutes	20-30 minutes
Lay before rain	6-8 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 Temp	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 Temp	15°C	20°C	25°C
Working time	55-90 minutes	40-75 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

Application Thickness

When mixed with kiln dried aggregate no larger than 5mm in diameter, the minimum application thickness is 15mm for foot traffic and 18mm for driveways. Areas subject to heavier traffic should be installed at a medium of thickness of 20mm. The maximum aggregate size that can be used is 10mm and application thickness when using these aggregates should be a minimum of 25mm.

Aggregate Types

Only mix with 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 Thorset Resin Bound Surfacing is 6 months. Store in clean, dry, frost free warehouse conditions between 5°C and 25°C. Protect from sunlight.



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Cleaning

Savesolve should be used for cleaning tools, etc.

Health and Safety

Gloves, overalls and barrier cream should be used when working with Thorset™.

Information

All technical data, measurements, etc. Given on this datasheet are based on laboratory tests. Due to practical circumstances beyond our control, actual data may deviate from the indicated values.

The information given in this product, technical and application datasheet is given in good faith, based on current knowledge and experience but we have no control over the quality or the condition of the substrate or the many differing factors affecting the use and application of the product. It relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of the company's knowledge and belief, accurate as of the date indicated. It is the user's responsibility to satisfy themselves as to the suitability and application of such information for their own use.