



Manufacturers, Formulators and Suppliers of Quality Resin Surfacing Systems since 1980



Terrabase Rustic Image Credit Royal Botanic Gardens Kew

Resin Bound and Resin Bonded Surfacing Solutions



addaset®



addabound®



Image courtesy of Historic Royal Palaces

terrabound®

Introduction

About Addagrip

Addagrip, part of the Terraco Group of Companies, is a leading manufacturer, formulator and specifier of quality resin systems with a network of approved installers throughout the UK and overseas.

BBA Certified Resin Bound Surfacing Products

Addaset, Addabound and Terrabound Resin Bound systems have all achieved BBA certification.

As the UK's leading Resin Bound supplier, with 37 years' experience in the resin manufacturing industry, we felt strongly that some form of standard for the Resin Bound Surfacing industry was needed. In January 2016 we proudly became the first and only Resin Bound surfacing supplier to date to have gained BBA Agrément certificates for three of our Resin Bound surface finishes.

BBA certification is widely known throughout the construction industry as a symbol of quality and reassurance. It is a vital ingredient for product manufacturers to help ensure acceptance with specifiers, building control, Local Authorities and insurers. The BBA have worked with Addagrip to achieve the approval of their Resin Bound Surfacing through the BBA's robust testing and assessment schemes.



Nationwide Approved Contractor Network

To maintain the quality of installation, the Addagrip range of Resin Bound and Resin Bonded Surfacing Systems are only installed by our nationwide network of specialist approved contractors. This ensures that our high installation standards are maintained to provide optimum product performance and life span. We have a thorough training programme and run additional courses for our existing contractors on new products and specialist applications.

Contact us to discuss your project and we will ensure that we provide you with details of the most relevant contractors based on individual project needs and location.

Quality Service

At Addagrip we provide base build up detail for accurate specification and full technical support from our experienced team in the office. We also offer CPD presentations. Technical datasheets, BIM information and a library of reference projects are available on our website.

We also pride ourselves in our prompt Sample Service and selection of product sets available for Architects and Specifiers.



Visit our website
www.addagrip.co.uk



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Resin Bound or Resin Bonded Surfacing?

The most common question that we are asked is to clarify the difference between Resin Bound and Resin Bonded surfacing products:



Resin Bonded Surfacing
(Non-Porous)



Resin Bound Surfacing
(Porous)

Resin Bonded surfaces are produced from a graded aggregate applied directly on to a natural or coloured resin, creating a textured surface.

Resin Bonded surfaces are not porous and some loose aggregate will remain.

Regular sweeping is required after installation.

Addagrip Resin Bonded surfacing is fast to install, typically up to 1000 sqm per day in suitable conditions and will be ready for sweeping in 6-8 hours. Allow 4 hours for pedestrian trafficking and 24 hours for vehicular traffic.

Typical life span will be between 5 -15 years dependant on usage and aggregate selection.

Resin Bound porous surfaces are produced from a blend of graded aggregates mixed with a clear resin and trowelled to a smooth level finish.

Resin Bound is a fully bound porous system with no loose aggregates.

Low maintenance.

Addagrip Resin Bound finishes are generally installed much faster than other paving options, typically up to 300 sqm per day in suitable conditions and can be ready for pedestrian trafficking in 4-6 hours of installation and 12-18 hours for vehicular traffic.

Typical life span will be in excess of 15 years plus dependant on usage.



Application

Resin Bound Porous Surfacing can be applied on to:

Asphalt - the ideal base as it is suitable for all types of trafficking subject to build up and offers flexibility to help prevent cracking caused by movement. Application to existing asphalt surfaces can be carried out subject to suitability. Freshly laid asphalt should ideally be allowed to cure for a minimum of 7 days prior to installation of the Resin Bound surface.

Concrete - also suitable for all types of trafficking subject to build up, however, movement joints in the concrete must be reflected through the Resin Bound finish. Freshly laid concrete should be allowed to cure for a minimum of 14 days.

Compacted crushed rock - Resin Bound surfacing can be applied on to a well compacted base for pedestrian and light trafficking schemes. In this instance, the Resin Bound finish should be applied at a minimum depth of 35mm.

For typical sub-base requirements for our Resin Bound range visit www.addagrip.co.uk


Resin Bonded Surfacing can be applied on to:

Asphalt - the ideal base as it is suitable for all types of trafficking subject to build up and offers flexibility to help prevent cracking caused by movement. Application to existing asphalt surfaces can be carried out subject to suitability. Freshly laid asphalt should be allowed to cure for a minimum of 7 days prior to installation of the Resin Bonded surface and sealed with Addacryl.

Concrete - also suitable for all types of trafficking subject to build up, however, movement joints in the concrete must be reflected through the Resin Bonded finish. Freshly laid concrete should be allowed to cure for a minimum of 28 days and EP Addastone Primer should be used to prime the surface after suitable preparation and prior to application of the Resin Bonded finish.

Timber - also suitable, however, all timber must be clean and dry prior to priming with EP Addastone primer.

Suggested product use

Suitable		Resin Bound Terrabase Rustic/Classic	 Resin Bound Addaset Addabound Terrabound	Resin Bound Addacolor	Resin Bonded Addastone	Addastone TP Tree Pit
Not suitable						
Car Parks						
Access Roads						
Driveways						
Courtyards						
Pathways						
Patios						
Bridges (Steel, Wood, Concrete)						
Swimming Pool Surrounds						
Playgrounds						
Logos						
Tree Pits						

Resin Bound Rustic Porous Surfacing



Terrabase Rustic Resin Bound porous surfacing is based on a blend of natural aggregates.

Application is by hand to create a permeable and seamless natural rustic finish.

Terrabase Rustic provides a hard wearing SuDS compliant surface.

Installation can be achieved without the need for an asphalt or concrete base.

Terrabase Rustic is an innovative patented paving system that provides a decorative and natural rustic looking permeable surface, suitable for pedestrian footpaths and areas subject to occasional trafficking by light vehicles.

Terrabase Rustic can be applied directly on to most suitable surfaces and gradients, with minimum digging or edging required. An ideal replacement or overlay system for self-binding surfaces such as 'Hoggin' as it is fully bound and will not be washed away.

The innovative structured build up ensures a SuDS compliant surface that allows water to drain through the product. Maximum porosity is achieved when applied directly on to a compacted MOT Type 3 sub-base or similar installed prior to application.



Terrabase Rustic, Royal Botanic Gardens Kew



Terrabase Rustic Beach



Terrabase Rustic Gold



Terrabase Rustic Oak



Terrabase Rustic Tweed

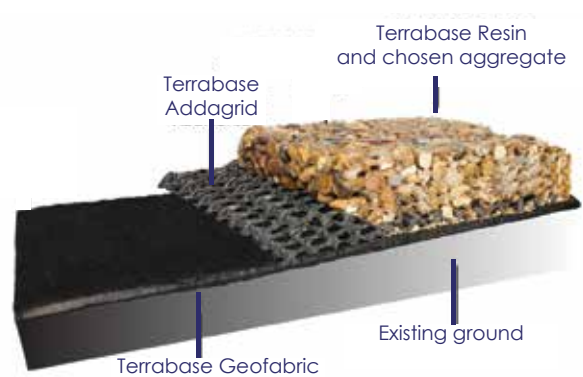


Terrabase Rustic Sunset



Terrabase Rustic Silver

Resin Bound Rustic Porous Surfacing



terrabase[®] rustic

Benefits

- Provides a natural looking seamless finish offering strength and durability
- Requires no large machinery to install
- No asphalt or concrete sub-base requirement
- Minimum disruption
- The edging can be part of the product - no additional edging requirement
- Fast installation
- SuDS compliant porous surface

New for 2017

Introducing **terrabase[®] classic**

If you are looking for a more contemporary finish, take a look at Terrabase Classic, a no-dig patented base system with the addition of one of our BBA approved Resin Bound 6mm and 10mm porous surfacing products Addaset, Addabound or Terrabound.

See www.addagrip.co.uk for more details or contact a member of our technical team.



Terrabase Classic
Addaset



Terrabase Classic
Addabound



Terrabase Classic
Terrabound

Resin Bound Porous Surfacing



Addaset Resin Bound porous surfacing is based on a blend of natural aggregates.

Application is by hand or power trowel to create a permeable and smooth finish.

Addaset provides a hard wearing surface that is UV stable, oil resilient and resistant to cracking.

Fast installation with up to 300 sqm of seamless surfacing applied per day.

The Addaset Resin Bound Surfacing System provides a smooth, hard wearing and low maintenance porous/ semi-porous surface using a range of natural and recycled aggregates.

The finished surface is flexible and resistant to cracking and can be applied on to asphalt, concrete or other stable substrates.

Benefits

- Seamless finish
- SuDS compliant
- No loose aggregate
- UV stable
- Fast installation
- Low maintenance
- Hard wearing
- BBA certified

**SuDS
Compliant
Porous
Paving**



Chocolate Buff
3,6 & 10mm



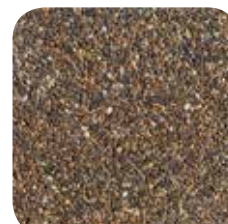
Dorset Gold
3,6 & 10mm



Lucerne Silver
3,6 & 10mm



Rhine Gold
6 & 10mm



Trent
3,6 & 10mm



Scandinavian
Pearl 3 & 6mm

Resin Bound Porous Surfacing



INSTALLATION

Addaset can be applied on to the following bases:

Asphalt - the ideal base as it is suitable for all types of trafficking subject to build up and offers flexibility to help prevent cracking caused by movement. Application to existing asphalt surfaces can be carried out subject to suitability.

Concrete - also suitable for all types of trafficking subject to build up, however, movement joints in the concrete must be reflected through the Resin Bound finish. Freshly laid concrete should be allowed to cure for a minimum of 14 days.

Compacted crushed rock - Resin Bound surfacing can be applied on to a well compacted base for pedestrian and light trafficking. In this instance, the Resin Bound finish should be applied at a minimum depth of 35mm.

Typical sub-base requirements can be found on our Website www.addagrip.co.uk.

SuDS (Sustainable Urban Drainage Systems)

Addaset is porous, allowing water to permeate/percolate through the surface and beyond when a suitable base build-up configured for SuDS has been installed.

SuDS porous/semi porous • Durable • UV stable •
Low maintenance • Anti-slip • Wheelchair friendly




Yellow Cream
3 & 6mm



Autumn Gold
3 & 5mm



Midnight Grey
3 & 6mm



Terracotta
3 & 6mm



Tuscan Pebble
6mm



Maple Gold
6 & 10mm

Resin Bound Porous Surfacing (with recycled content)



Addabound Resin Bound porous surfacing incorporates a minimum 25% recycled content, developed due to customer demand.

Permeable surfacing to prevent standing water when used over a suitable permeable base.

Application by hand or power trowel to create a permeable and smooth finish that is hard wearing and UV stable.

The Addabound range of decorative porous surfacing incorporates our latest UV stable resin technology and is available in a range of natural aggregate colours with a recycled content ranging from 25% aggregate and filler up to 100% on some colours.

Addabound is suitable for driveways, footpaths, pedestrian precincts, playgrounds, swimming pool surrounds, patios, car parks and access roads.



**Minimum
25%
Recycled
Content**



Ash
3mm



Oyster
6mm



Oyster
3mm



Rustic Bronze
6mm



Sunburst
6mm



Dune
3mm

Resin Bound Porous Surfacing (with recycled content)



SuDS Compliant Porous Paving

SuDS (Sustainable Urban Drainage Systems)

Addabound is porous, allowing water to permeate/percolate through the surface and beyond when a suitable base build-up configured for SuDS has been installed.

See our website for details www.addagrip.co.uk

Benefits

- Seamless finish
- SuDS compliant
- No loose aggregate
- UV stable
- Fast installation
- Low maintenance
- Hard wearing
- BBA certified



SuDS porous/semi porous • Durable • UV stable • Low maintenance • Anti-slip • Wheelchair friendly

addabound®



Summer Gold
5mm



Natural Beach
3mm



Golden Beach
10mm



Golden Beach
6mm



**Minimum
25%
Recycled
Content**

Resin Bound Porous Surfacing



Terrabound Resin Bound porous surfacing is based on a select and limited blend of natural aggregates.

The Terrabound must be applied in temperatures above 7°C.

Fast installation with up to 300 sqm of seamless surfacing applied per day.

Low maintenance.

Application by hand or power trowel to create a permeable, smooth finish.

Terrabound Resin Bound Surfacing is our commercial grade resin bound surfacing system, introduced to provide a more cost effective solution for large and small projects.

Terrabound is available in a select range of natural aggregates and provides a seamless, porous, hard wearing, low maintenance and decorative surface.

The product is ideal for commercial projects including landscaping schemes, housing developments, parks, car parks, access roads and driveways.

Benefits

- Seamless finish
- SuDS compliant
- No loose aggregate
- Fast installation
- Low maintenance
- Hard wearing
- BBA certified



Resin Bound Porous Surfacing



Chocolate Buff
3, 6 & 10mm



Trent
3, 6 & 10mm



Autumn Toffee
3 & 5mm



Chestnut Brown
6 & 10mm



Rhine Gold
6 & 10mm



Tuscan Pebble
6mm



Terracotta
3 & 6mm



SuDS (Sustainable Urban Drainage Systems)

Terrabound is porous, allowing water to permeate/percolate through the surface and beyond when a suitable base build-up configured for SuDS has been installed. See our website for details www.addagrip.co.uk

**SuDS porous/semi porous • Durable •
Low maintenance • Anti-slip • Wheelchair friendly**

terrabound®



Resin Bound Coloured Surfacing



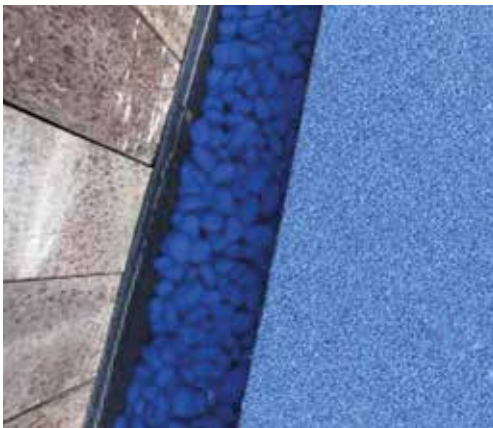
Addacolor Resin Bound surfacing is based on a high quality UV stable coloured quartz aggregate ideal for providing a decorative coloured surface.

A range of 12 standard colours are available. Bespoke colours can be supplied on request.

Fast installation with up to 300 sqm of seamless surfacing applied per day by hand or power trowel to create a smooth surface.

Addacolor retains all of the benefits of our standard resin bound paving and is ideally suited to those projects that require a splash of colour both inside and out.

Addacolor is UV stable and ideal for logos, patterns, demarcation and designs as well as regular projects associated with resin bound surfacing such as footpaths, playgrounds, swimming pool surrounds, courtyards and other pedestrian schemes.



Resin Bound Coloured Surfacing



**Semi-porous • Durable • Colourful
Low maintenance • Anti-slip •
Wheelchair friendly**

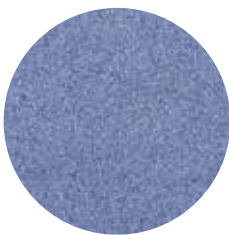
Addacolor Resin Bound surfacing is available in a range of 12 standard colours.

Bespoke colours can be supplied on request for those projects that require a specific colour.

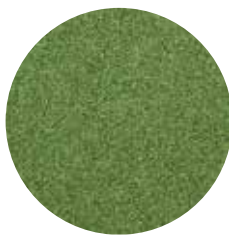
addacolor®



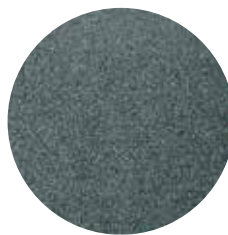
3mm Purple
AC-4001-3



3mm Blue
AC-022-3



3mm Green
AC-6018-3



3mm Green
AC-159-3



3mm Buff
AC-6011-3



3mm Brown
AC-8008-3



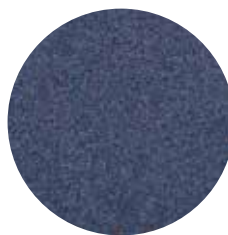
3mm Grey
AC-7003-3



3mm Black
AC-0101-3



3mm Red
AC-3020-3



3mm Blue
AC-7000-3



3mm Yellow
AC-1018-3



3mm Cloud
AC-9010-3

Resin Bound Porous Tree Pit Surfacing



Addastone TP Resin is normally mixed with a 6-10mm grade of washed, clean and dry aggregate to create a porous surface. It is ideal for tree pits and light use footpaths.

Installed at various depths from 25mm to 75mm on to a well compacted base.

A tree collar is recommended to be placed around the tree to allow for growth.

Suitable edging detail is required.

Addastone TP is designed to provide a practical and aesthetically pleasing porous paving system for tree pits, using a variety of natural or recycled aggregates.

Available in either Epoxy or a UV stable Polyurethane, the resin binder is mixed with our range of natural or recycled aggregate with a typical grading of 6-10mm.

The open texture achieved provides a highly porous resin bound surface allowing the tree roots access to both air and water penetration.



Rhine Gold
6-10mm



Trent Pea
6-10mm

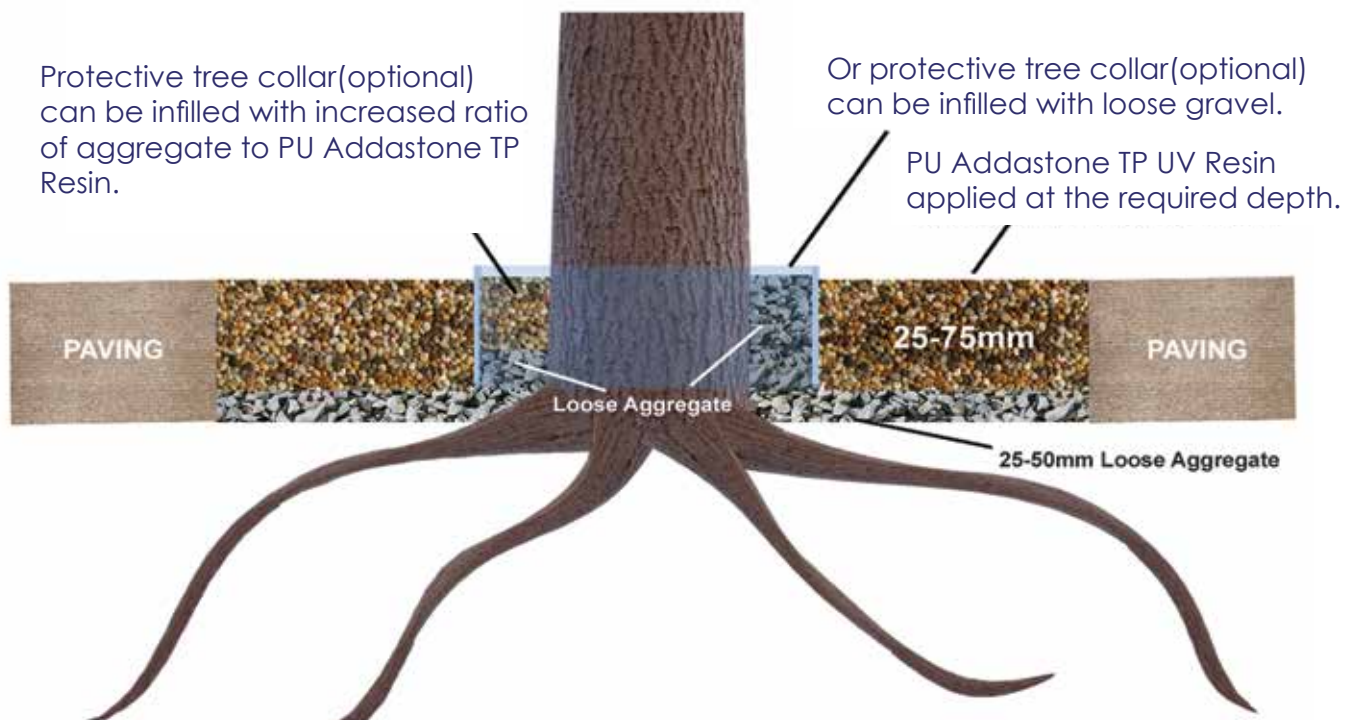


Corn Flint
6-10mm

Resin Bound Porous Tree Pit Surfacing



INSTALLATION



25mm depth - No foot traffic - decorative
50mm depth - Light foot traffic
75mm depth - Heavy foot traffic

addastone TP[®]



Brittany Bronze
6-10mm



Dorset Gold
6-10mm



Nat. Red Granite
6-10mm



Silver Grey Granite
6-10mm

**Porous
Tree
Pit**

Resin Bonded Surfacing



Addastone Resin Bonded surfacing provides the traditional look of loose aggregate.

The finish provides a hard wearing, decorative, textured surface using a 1-3mm, 2-5mm or 3-6mm aggregate.

Chosen aggregates must be washed, clean and dry. Blends can be created as required.

Some loose aggregate will remain on the surface after sweeping.

Anti-slip provided by textured aggregates.

The Addastone Resin Bonded Surfacing System provides an attractive, hard wearing and low maintenance surface by bonding or fixing loose gravel aggregates to concrete, asphalt, wood or metal.

Aggregates bonded in this way give the appearance of loose gravel without the many maintenance problems.

A wide range of natural and recycled aggregates are available making it ideal for heritage sites, landscaping schemes, parks, paths, driveways, roads and visitor attractions. A real alternative to block paving, tarmac and concrete finishes.



NON-POROUS



Chinese Bauxite
1-3mm, Footgrade



Dorset Gold
1-3mm & 2-5mm



Nat. Red Granite
1-3mm & 2-5mm



Silver Grey Granite
1-3mm & 2-5mm



Brittany Bronze
1-3mm & 2-5mm

Resin Bonded Surfacing



INSTALLATION

Addastone is generally installed much faster than other paving options, typically up to 1000 sqm per day in suitable conditions and will be ready for sweeping in 6-8 hours.

Addastone can be applied on to the following bases:

Asphalt - the ideal base as it is suitable for all types of trafficking subject to build up and offers flexibility to help prevent cracking caused by movement. Application to existing asphalt surfaces can be carried out subject to suitability. Addacryl primer should be used to seal the asphalt prior to Addastone installation.

Concrete - also suitable for all types of trafficking subject to build up, however, movement joints in the concrete must be reflected through the Resin Bonded finish. Freshly laid concrete should be allowed to cure for a minimum of 28 days and EP Addastone Primer should be used to prime the surface after suitable preparation and prior to application of the Resin Bonded finish.

Timber - also suitable, however, all timber must be clean and dry prior to priming with EP Addastone primer.

Suitable for Car Parks • Access Roads • Driveways •
Patios • Pathways • Courtyards

addastone®



Guyanan Bauxite
1-3mm, Footgrade



Rhine Gold
2-5mm



Trent Pea
3-6mm



Autumn Gold
1-3mm & 2-5mm



Corn Flint
2-5mm

Reference Projects - Resin Bound Surfacing



Abbotsford House, Scotland
Terrabound Rhine Gold



Scandia-Hus, West Sussex
Addaset Lucerne Silver



Credit: Nigel Young, Foster and Partners

Universtiy of East Anglia, Norwich
Addabound Oyster



Image courtesy of Virtual Planit

Liverpool FC Ground, Anfield
Terrabound Rhine Gold & Tuscan Pebble



Nottingham Trent University
Addaset Autumn Gold & Trent



Highgate Cemetery
Terrabase Rustic Oak

Reference Projects - Resin Bound Surfacing



Credit: Richard Wilford, RBG Kew

Broad Walk, Royal Botanic Gardens Kew
Terrabase Rustic Oak



Exhibition Road, London
Addastone TP Silver Grey



Credit: Historic Royal Palaces

Magic Garden, Hampton Court
Terrabound Autumn Toffee



Portobello School, Edinburgh
Addacolor Blue & Addaset Lucerne Silver



National Horse Racing Museum, Suffolk
Terrabase Rustic Gold



Exeter Flood Defence Scheme
Terrabase Rustic Gold

Reference Projects - Resin Bonded Surfacing



Wembley
Addastone Chinese + Guyanan Bauxite



Durham University
Addastone Rhine Gold



Littlehampton Reaches
Addastone Chinese Bauxite



Dun Laoghaire People's Park
Addastone Brittany Bronze



Drakes Place, Plymouth
Addastone Corn Flint



Alexandra Park, Manchester
Addastone Trent Pea

Specifications, Samples and CPD Seminars

Addagrip specifications and technical data sheets can be found on our website.

www.addagrip.co.uk

Visit our website to
Download BBA Certificates
for our Addaset, Addabound
and Terrabound
Resin Bound Surfacing Systems.



Contact us for samples
of our range of
external surfacing products



email: sales@addagrip.co.uk

addagripTM CPD seminars



Throughout the year Addagrip run a series of CPD seminars on resin based products. This includes resin bound, resin bonded and tree pit systems and also covers case studies, specifications and base build ups.

If you would like to book a CPD seminar email us at sales@addagrip.co.uk or telephone us on 01825 761333.

Details of the full range of Addagrip resin based surfacing products
can be found on our website www.addagrip.co.uk



**Industrial &
Commercial Range**



**Designer Resin
Flooring Range**



**Specialist Treatment
Addagrip 1000 System**

We would like to point out that whilst every care is taken to provide an exact indication of the colours of our products, these aggregates are natural materials which are subject to changes in appearance and colour. Some of the gravel and shingles supplied may occasionally contain minor concentrations of iron minerals which upon weathering may result in areas of rust spot staining. These iron minerals occur naturally within the gravel deposits and Addagrip cannot be held responsible for any loss or damage suffered as a result of such staining.

addagripTM



addaset[®]



addabound[®]



terrabound[®]



Manufacturers, formulators and suppliers of quality resin surfacing systems.
For a full range of products, detailed information and specifications please visit:

www.addagrip.co.uk

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