welcome..........
....to our latest product brochure showcasing our ever expanding range of innovative surfacing solutions for the paving, landscaping and driveway industries. This brochure includes product information, technical data and application photography to provide inspiration.

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Granite setts pointed using ProJoint™ V75-WT™ in Mid-grey.
Nexus - Professional Surfacing Systems is a specialist supplier of innovative products to the paving, landscaping & driveway industries. Our product portfolio includes a range of paving ancillary products including unique resin jointing systems for pointing between paving slabs and setts, and a range of aggregate surfacing systems.

One overriding principle which is a constant in all our product ranges is ease of use and value for money. We provide innovative, proven solutions to age old problems, backed up by helpful personal service.

We’ve been out there on site, understand the challenges and have developed some excellent products to give you a clear advantage.

nex-us
-noun, plural nex-us-es, nex-us.

1. a means of connection; tie; link
2. a connected series or group
3. the core or centre, as of a matter or situation.
4. Cell Biology. a specialised area of the cell membrane involved in intercellular communication and adhesion.
Our ProJoint™ resin pointing systems are a revolutionary advancement over using traditional sand and cement mortar.

For decades, filling (pointing) the joints between paving slabs and setts with traditional mortar has been a skilled, laborious and time consuming chore.

Often on a paving project, traditional wet mortar pointing can take nearly as long as laying the paving area itself. First impressions count and nowhere is this more apparent in paving projects, where good or bad pointing can make or break a job.

Weather during pointing has always been important; all contractors who have laid paving will no doubt have experienced the extreme frustration of not being able to point due to inclement weather conditions, resulting in payment being held back by customer for an otherwise completed job.

ProJoint™ resin pointing systems have a number of distinct advantages and have a proven record of strength and durability. Contractors are mainly attracted by the speed of installation reducing labour time and ease of use.

With years of cumulative experience and technical knowledge we have built up the largest UK manufactured range of resin pointing systems and recently have added a new specialist range for demanding and high profile installations.

We have a product for every application; be it a domestic patio or a busy city centre streetscape............
// ProJoint™ resin pointing

vs.

traditional mortar pointing

Here is an outline of the 7 most important advantages of using ProJoint™ over against traditional sand and cement mortar pointing in paving joints:

✓ **Speed & Efficiency** - Reduces labour time and therefore cost.

✓ **Ease of use** - Doesn’t require skilled or expensive labour and no more kneeling or bending.

✓ **High strength** - Epoxy resin products suitable for medium to heavy traffic loads.

✓ **Frost resistance** - Very frost resistant and resistant to extreme changes in temperature.

✓ **Weather during application** - Fast to use so only a short window of opportunity required and being applied to damp paving means that inclement weather is not a problem. All products can be used in light rain. Application temperatures from 0°C to +30°C possible and will not develop cracks like sand and cement due to drying out too quickly in the sun.

✓ **Longevity** - Designed to outlast traditional mortar and de-icing salt, pressure washer and sweeper resistant.

✓ **Professional** - Consistent results can be obtained very easily every time with correct colour matching and finish. No cement staining and no returning for cleaning once the job is complete!

// product selector

This shows an overview of our full pointing system ranges and helps you select the right product for your application:

**Standard Range:**

**Fusion™**  page 10

A ready to use all weather paving joint compound which is brushed and washed into joints and left to air cure. Suitable for paving subjected to pedestrian traffic. Perfect for DIY use.

**Specialist Range:**

**V75-WT™**  page 12

A 2-part epoxy resin system applied as a slurry to dampened paving. High cure strength suitable for vehicle traffic up to 7.5 tonnes. Increased water tolerance for use in damp conditions.

**V400-WT™** page 14

Very similar to the V75-WT™ but ultra high cure strength for vehicle traffic up to 40 tonnes. Increased water tolerance for use in damp conditions. Ultimate strength system.

**V35-UV™**  page 16

A very advanced but easy to use system which is designed for sensitive and expensive stone. It is a one-part PU resin system which is 100% UV stable. Long workability time suitable for narrow joints and hot weather. Suitable for vehicle traffic up to 3.5 tonnes and has water tolerance.

www.nexusprosystems.co.uk
ProJoint™ Fusion™ is a very quick and easy paving joint filler designed for areas of pedestrian paving. For vehicle trafficked areas use one of our 2-part epoxy systems such as ProJoint™ V75-WT™.

### preparation

Ensure the surface of the paving is clean prior to application. Check the joints are cleaned out to a depth of 25mm observing a minimum joint width of 3mm, and that the paving is firmly bedded and stable prior to filling joints.

Paving should be laid on a permeable bedding mix as Fusion™ cures when it dries out so water/rain must have a route of escape.

### application

Apply Fusion™ when surface temperature is above 0°C. Liberally soak the paving first and then empty the mix evenly onto the surface and work quickly into the joints using a brush or squeegee.

Mist the surface and compound with a soft spray of water to flush the material down into the joints. Top up any low joints and repeat as necessary.

Once the water has drained away then sweep the paving with a fresh soft brush at 45° to the joints, and remove any excess. A trowel or iron can be used to achieve a traditional finish if required.

The product can be used in light rain but prolonged and heavy rain will delay the curing process and increase the risk of fluid damage.

### coverage

Approx coverage per 15kg tub:

<table>
<thead>
<tr>
<th>Joint Size:</th>
<th>600 x 600mm slabs</th>
<th>Four Size Indian (600mm series)</th>
<th>100 x 100mm setts</th>
</tr>
</thead>
<tbody>
<tr>
<td>5mm x 25mm</td>
<td>20m²</td>
<td>17.2m²</td>
<td>3.33m²</td>
</tr>
<tr>
<td>10mm x 25mm</td>
<td>10m²</td>
<td>8.6m²</td>
<td>1.67m²</td>
</tr>
<tr>
<td>15mm x 25mm</td>
<td>6.67m²</td>
<td>5.7m²</td>
<td>1.11m²</td>
</tr>
</tbody>
</table>

See website for ProJoint™ consumption calculator for estimating projects.

Freeze/Thaw resistance: Exceeds RL:BM2:1993

For storage and health and safety information full datasheet available on request.

### All weather paving joint compound

The quick and easy solution to filling joints between paving slabs and setts, suitable for natural stone and concrete paving. So simple to use, ProJoint™ Fusion™ allows an untrained hand to consistently deliver perfect joints every time - **whatever the weather!**

Packaged in a vacuum packed pouch within the tub. Available in two colours - Neutral (buff) and Mid-Grey.

It delivers a weed free, frost resistant joint, without staining the paving - **saving you time and money.**

- Suitable for use in wet weather
- Professional strength
- Premixed, ready to use
- Cement free
- Suitable for pedestrian traffic, ideal for paths & patios
- Perfect for DIY use
- Non hazardous

Neutral (buff) | Mid-Grey

---

www.nexusprosystems.co.uk
2-part epoxy resin mortar system suitable for vehicles up to 7.5t with increased water tolerance

A specialist solution to filling joints between paving slabs and setts, suitable for natural stone and concrete paving on pedestrian and vehicular areas with medium to heavy vehicle loads up to 7.5 tonnes.

The two part epoxy resin system is easily mixed and quickly applied as a slurry to dampened paving. It has increased water tolerance to give the great advantage enabling use in damp weather and light rain. Its high performance means that it is used widely for domestic and commercial projects where medium traffic loading is required and when laid in times of inclement weather.

- Two part resin based mortar system, cement free
- Medium to heavy traffic loads up to 7.5 tonnes, ideal for driveways and high traffic areas
- Fast application
- Easy: No more bending or kneeling and much less effort
- Applied to wet surfaces + increased water tolerance for use in light rain
- Professional results: No mess, and no returning for cleaning
- Self compacting and suitable for joint widths from 5mm upwards
- Weed, pressure washer and frost resistant
- Colours available: Neutral (buff), Mid-Grey and Black

**(preparation**

Ensure the joints are cleaned out to a minimum depth of 25mm for 7.5t traffic loading, and a minimum joint width of 5mm. Paving must be firmly bedded and stable prior to filling joints and laid on bedding material suitable for the intended traffic loading. Liberally wet the paving prior to mixing allowing the water to soak into the surface.

V75-WT™ can be mixed in either a rotary concrete mixer or by using a drill and paddle. Add the sand to the mixer and when wearing appropriate PPE, pour the resin and hardener together and begin mixing. Mix for around two minutes until thoroughly mixed and then add 3 litres of water to the mix (equivalent to 2 of the resin containers). Mix for a further three minutes until the mix becomes a free flowing slurry.

**(application**

Ensure that the paving is still wet and surface temperature is between 0°C and 25°C. Do not allow the paving to dry out during application and care should be taken when using the product on dark paving due to high surface temperatures. Empty the mix directly onto the paving and move the mix using a squeegee over the total area allowing the empty joints to fill completely.

After 10 to 15 minutes use a medium soft brush at 45° to joints and sweep off the excess sand leaving the paving clean. It is particularly important to sweep the paving clean before the product cures to ensure any remaining residue does not set on the paving surface. The fluid nature of the mortar means that no further compaction of the joint is required. A trowel or iron can be used if necessary once the mortar has begun to cure to achieve a traditional finish.

Increased water tolerance means that the product can be used in light rain but does need protecting from prolonged and heavy rain as this will delay the cure and could cause fluid damage. Make sure that any protective cover does not come into contact with the fresh joints; air circulation over joints is required during curing time. Cure times are dependant on temperature and humidity but as a guide can accept foot traffic after 12 hours and vehicle traffic after 24 hours.

V75-WT™ may highlight and enhance the natural surface colours and textures of the paving. This is only a temporary effect and weathering and foot traffic accelerate its disappearance. For extra porous paving or to minimise any effect use V35-UV™.

**coverage**

Approx coverage per 27kg kit:

<table>
<thead>
<tr>
<th>Joint Size: 600 x 600mm slabs</th>
<th>Four Size Indian (600mm series)</th>
<th>100 x 100mm setts</th>
</tr>
</thead>
<tbody>
<tr>
<td>5mm x 25mm deep</td>
<td>45m²</td>
<td>8m²</td>
</tr>
<tr>
<td>10mm x 25mm deep</td>
<td>22.5m²</td>
<td>19.5m²</td>
</tr>
<tr>
<td>15mm x 25mm deep</td>
<td>15m²</td>
<td>13m²</td>
</tr>
</tbody>
</table>

See website for ProJoint™ consumption calculator for estimating projects.

For storage and health and safety information full datasheet available on request.

**Order Code:** Item Description: Colour: Pack Size: Pallet Qty:

<table>
<thead>
<tr>
<th>V75N</th>
<th>ProJoint™ V75-WT™</th>
<th>Neutral (Buff)</th>
<th>27kg</th>
<th>42</th>
</tr>
</thead>
<tbody>
<tr>
<td>V75G</td>
<td>ProJoint™ V75-WT™</td>
<td>Mid grey</td>
<td>27kg</td>
<td>42</td>
</tr>
<tr>
<td>V75B</td>
<td>ProJoint™ V75-WT™</td>
<td>Black</td>
<td>27kg</td>
<td>42</td>
</tr>
</tbody>
</table>

// application instructions & technical information overview

Demonstration shown using neutral colour sand.
The ultimate solution to filling joints between paving slabs and setts, suitable for standard natural stone and concrete paving on pedestrian and vehicular areas with heavy vehicle loads up to 40 tonnes.

The two part epoxy resin system is easily mixed and quickly applied as a slurry to dampened paving. It has increased water tolerance to give the great advantage enabling use in damp weather and light rain.

Its ultra high strength means that it is used in the most demanding of environments where heavy traffic loading is required and when laid in times of inclement weather.

- Two part resin based mortar system, cement free
- Heavy traffic loads up to 40 tonnes, ideal for high traffic areas and roadways
- Fast application
- Easy: No more bending or kneeling and much less effort
- Applied to wet surfaces + increased water tolerance for use in light rain
- Professional results: No mess, and no returning for cleaning
- Self compacting and suitable for joint widths from 5mm upwards
- Weed, pressure washer and frost resistant
- Colours available: Neutral (buff), Mid-Grey and Black

V400-WT™ can be mixed in either a rotary concrete mixer or by using a drill and paddle. Add the sand to the mixer and when wearing appropriate PPE, pour the resin and hardener together and begin mixing. Mix for around two minutes until thoroughly mixed and then add 3 litres of water to the mix (equivalent to 2 of the resin containers). Mix for a further three minutes until the mix becomes a free flowing slurry.

Ensure the joints are cleaned out to a minimum depth of 25mm for 40t traffic loading, and a minimum joint width of 5mm. Paving must be firmly bedded and stable prior to filling joints and laid on bedding material suitable for the intended traffic loading. Liberally wet the paving prior to mixing allowing the water to soak into the surface.

After 10 to 15 minutes use a medium soft brush at 45° to joints and sweep off the excess sand leaving the paving clean. It is particularly important to sweep the paving clean before the product cures to ensure any remaining residue does not set on the paving surface. The fluid nature of the mortar means that no further compaction of the joint is required. A trowel or iron can be used if necessary once the mortar has begun to cure to achieve a traditional finish.

Increased water tolerance means that the product can be used in light rain but does need protecting from prolonged and heavy rain as this will delay the cure and could cause fluid damage. Make sure that any protective cover does not come into contact with the fresh joints; air circulation over joints is required during curing time. Cure times are dependant on temperature and humidity but as a guide can accept foot traffic after 12 hours and vehicle traffic after 24 hours.

V400-WT™ may highlight and enhance the natural surface colours and textures of the paving. This is only a temporary effect and weathering and foot traffic accelerate its disappearance.

### coverage

<table>
<thead>
<tr>
<th>Joint Size:</th>
<th>600 x 600mm slabs</th>
<th>Four Size Indian (600mm series)</th>
<th>100 x 100mm setts</th>
</tr>
</thead>
<tbody>
<tr>
<td>35mm x 25mm deep</td>
<td>45m²</td>
<td>39m²</td>
<td>8m²</td>
</tr>
<tr>
<td>10mm x 25mm deep</td>
<td>22.5m²</td>
<td>19.5m²</td>
<td>4m²</td>
</tr>
<tr>
<td>15mm x 25mm deep</td>
<td>15m²</td>
<td>13m²</td>
<td>2.67m²</td>
</tr>
</tbody>
</table>

See website for ProJoint™ consumption calculator for estimating projects.

For storage and health and safety information full datasheet available on request.
1-part PU resin mortar system with 100% UV stability designed for sensitive and expensive stone

A very advanced but simple to use solution to filling joints between paving slabs and setts, suitable for all types of natural stone and concrete paving on pedestrian and vehicular areas up to 3.5 tonnes.

The single component PU resin is mixed with the sand in the kit and applied to paving using either a brush or squeegee. It offers a long processing time which makes it especially suited for paving with narrow joints and for use in hot weather. Shower resistant. It forms a UV stable, strong, weed free, frost and pressure washer resistant joint.

Specifically designed for sensitive and expensive stone V35-UV™ it is the perfect partner for the most prestigious of projects.

- One part PU resin based mortar system, cement free
- Light to medium traffic loads up to 3.5 tonnes
- Fast application
- Easy: No more bending or kneeling and much less effort
- Long working time ideal for narrow joints and hot weather
- Professional results: No mess, and no returning for cleaning
- Suitable for joint widths from 5mm upwards
- Weed, pressure washer and frost resistant
- Colours available: Neutral (buff), Mid-Grey and Black

Ensure the joints are cleaned out to a minimum depth of 25mm for 3.5t traffic loading, and a minimum joint width of 5mm. Paving must be firmly bedded and stable prior to filling joints on bedding material suitable for the intended traffic loading. Liberally wet the paving prior to mixing allowing the water to soak into the surface.

V35-UV™ can be mixed in either a rotary concrete mixer or by using a drill and paddle in a mixing vessel. Add the sand to the mixer and when wearing appropriate PPE, pour in the resin and begin mixing. Mix for around three minutes until thoroughly mixed.

Ensure that the paving is still wet and surface temperature is between 5°C and 35°C. Empty the mix evenly onto the paving and work into the joints using a squeegee to ensure material is well compacted into the joints. Compaction of the material is important as any underlying voids could result in secondary settlement.

Cure times are dependant on temperature and humidity but as a guide can accept foot traffic after 12 hours and vehicle traffic after 24 hours.

V35-UV™ may very slightly highlight and enhance the natural surface colours and textures of the paving. This is only a temporary effect and weathering and foot traffic accelerate its disappearance.

Approx coverage per 26kg kit:

<table>
<thead>
<tr>
<th>Joint Size:</th>
<th>600 x 600mm slabs</th>
<th>Four Size Indian (600mm series)</th>
<th>100 x 100mm setts</th>
</tr>
</thead>
<tbody>
<tr>
<td>5mm x 25mm deep</td>
<td>45m²</td>
<td>39m²</td>
<td>8m²</td>
</tr>
<tr>
<td>10mm x 25mm deep</td>
<td>22.5m²</td>
<td>19.5m²</td>
<td>4m²</td>
</tr>
<tr>
<td>15mm x 25mm deep</td>
<td>15m²</td>
<td>13m²</td>
<td>2.67m²</td>
</tr>
</tbody>
</table>

See website for ProJoint™ consumption calculator for estimating projects.

For storage and health and safety information full datasheet available on request.

Order Code: Item Description: Colour: Pack Size: Pallet Qty:
V35UVN ProJoint™ V35-UV™ Neutral (buff) 20kg 42
V35UVG ProJoint™ V35-UV™ Mid grey 20kg 42
V35UB ProJoint™ V35-UV™ Black 20kg 42

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/// ProJoint™ V400-WT™ case study

San Sebastián, Spain Beach Slipway

This cobble slipway which allows vehicle access onto the La Concha beach in San Sebastián was in need of repair as years of waves had washed out the existing pointing leaving it unsafe.

V400-WT™ was selected as the perfect product for repointing the slipway due to the fast and easy application which meant it could be completed within the tides. Application could be made to the damp surface as soon as the tide retreated and the fast cure time and increased water tolerance meant that the product was ready for the waves later in the day.

/// ProJoint™ case study

North East England Domestic Driveway

Vinci Construction selected ProJoint™ V75-WT™ to fill the joints between the sandstone setts on this 550m² domestic driveway.

The driveway was laid in late autumn and with the threat of cold weather bringing frost and snow the drive was pointed in a matter of days rather than weeks if traditional methods had been employed.

The stone was also treated with PRO-410™ sealer to enhance and protect the natural stone.

The client who has been heavily involved with the selection and approval of materials used on the project is very pleased with the quality of the end result.
As part of our paving ancillary range we have developed two high quality paving sealants and also a cleaning concentrate to be used prior to sealing, for end of project cleanup and ongoing maintenance.

Paving sealants protect the surface from water ingress and remain a barrier against dirt. They effectively help maintain the paving, keep it cleaner for longer and make it much easier to clean when it is required.

There are two sealers to choose from; PRO-410™ which enhances the colour of surfaces with a matt finish or PRO-810™ which is an invisible impregnator leaving stone looking perfectly natural.

PRO-410™ and PRO-810™ are high performance solvent based sealants that penetrate well into the surface whilst remaining breathable. Coverage rates are high and their long service life makes them very cost effective.

Because they penetrate well into stone or concrete it is sealed below the surface unlike a water-based film forming sealer which just sits on top of the surface and can look very unsightly when it wears off in patches.

The images below illustrates just how effective the paving sealants protect sandstone from water penetration............
**PRO-410™ Paving Sealer**

**Professional solvent based penetrating paving sealer and colour enhancer**

PRO-410™ is a high quality, solvent based surface sealer based on acrylic resins. It is an impregnating and non-degrading sealer that has a matt finish and enhances the colour of natural stone and concrete paving.

It is used for impregnation, sealing and binding of natural stone, concrete, screeds, block paving, brickwork and masonry, particularly in aggressive environments. Seals and protects surfaces from water penetration, staining and the effects of natural weathering whilst remaining breathable. Will also provide an effective anti-carbonation coating to concrete. Binds and stabilises block paving joint sand.

Suitable for outdoor and indoor use.

- Professional grade water repellent for porous natural stone and concrete
- Breathable
- Enhances, seals & protects
- Resists dirt, grime and algae
- Long lasting protection & UV stable
- High surface penetration
- Matt finish & single coat application
- High coverage rate
- Anti-slip
- Available in 5 and 25 litre containers

---

// application instructions & technical information overview

### preparation

Substrates should be sound, clean and free from dirt, dust, oil, etc and dry to aid penetration. We recommend cleaning with Nexus Paving & Driveway Cleaner prior to application.

### application

PRO-410™ Paving Sealer is supplied ready for use and should be applied between 5°C and 30°C. Application may be made by brush, roller or spray. Apply a complete, even coat over the whole surface ensuring any excess is removed. One coat will provide a matt finish and is usually sufficient for most applications. A second coat will provide increased protection and colour enhancement where necessary. For anti-carbonation coating, two coats should be applied, the second coat being applied 6-8 hours after the first. Protect from rain until cured.

### coverage

This product covers approximately 4.5-7m² per litre depending on substrate porosity.

For storage and health and safety information full datasheet available on request.

<table>
<thead>
<tr>
<th>Order Code:</th>
<th>Item Description:</th>
<th>Colour:</th>
<th>Pack Size:</th>
<th>Pallet Qty:</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRO4105</td>
<td>PRO-410™ Paving Sealer</td>
<td>Matt, enhancer</td>
<td>5 litres</td>
<td>160</td>
</tr>
<tr>
<td>PRO41025</td>
<td>PRO-410™ Paving Sealer</td>
<td>Matt, enhancer</td>
<td>25 litres</td>
<td>24</td>
</tr>
</tbody>
</table>

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SEE PAGE 27 FOR APPLICATION TOOLS

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www.nexusprosystems.co.uk 22
PRO-810™ Paving Sealer

Professional solvent based invisible impregnating sealer

PRO-810™ is a high performance, solvent based surface sealer which has an invisible finish and can be applied to all types of natural stone immediately after installation.

It deeply impregnates the stone and protects surfaces from water penetration, staining and the effects of natural weathering whilst remaining breathable. Does not change the colour or texture of the surface and can be used on virtually all porous surfaces, particularly high quality natural stone.

Suitable for outdoor and indoor use.

- Professional grade water repellent for porous natural stone and concrete
- Breathable
- Invisible finish
- Seals & protects
- Resists dirt, grime and algae
- Long lasting protection & UV stable
- Deeply impregnating
- High coverage rate
- Available in 5 and 25 litre containers

// application instructions & technical information overview

**preparation**
Substrates should be sound, clean and free from dirt, dust, oil, etc and dry to aid penetration. We recommend cleaning with Nexus Paving & Driveway Cleaner prior to application.

**application**
PRO-810™ Paving Sealer is designed as an invisible coating but may darken very light surfaces slightly. As with all sealants always try a small inconspicuous area before full application. The sealer is supplied ready for use and should be applied between 5°C and 30°C. Application may be made by brush, roller or spray. Apply a complete, even coat over the whole surface ensuring any excess is removed. Allow to dry and repeat application with a thin and even second coat to provide increased protection. Dryness will normally occur within 2 hours with full curing taking up to 24 hours. Protect from rain until cured.

**coverage**
This product covers approximately 7-12m² per litre depending on substrate porosity.

For storage and health and safety information full datasheet available on request.

<table>
<thead>
<tr>
<th>Order Code:</th>
<th>Item Description:</th>
<th>Colour:</th>
<th>Pack Size:</th>
<th>Pallet Qty:</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRO8105</td>
<td>PRO-810™ Paving Sealer</td>
<td>Invisible</td>
<td>5 litres</td>
<td>100</td>
</tr>
<tr>
<td>PRO81025</td>
<td>PRO-810™ Paving Sealer</td>
<td>Invisible</td>
<td>25 litres</td>
<td>24</td>
</tr>
</tbody>
</table>

SEE PAGE 27 FOR APPLICATION TOOLS
Nexus Paving & Driveway Cleaner is an effective and high strength cleaning concentrate designed for the professional user. The chemical formulation is suitable for removing oil, grease, rubber marks, mould, mildew, algae and general dirt. Suitable for use on paving, driveways, stonework, brick walls, masonry, gravestones, garden ornaments and steps.

Its invisible repelling barrier provides long lasting protection preventing re-growth of mould, mildew and algae.

- **High strength cleaning concentrate**
- **Dilute 1:10 with water**
- **Suitable for use with pressure washers**
- **Long lasting protection**

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Nexus Bedding mortar is a very high strength ready-to-use mortar for bedding concrete and stone paving slabs and setts. The system is suitable for both pedestrian or vehicular trafficked areas and complies with Highways Specification for Highway Works Clause 2601 in full and BS7533.

The mortar has a fast and very high cure strength making it perfectly suited to streetscape projects. It is non-shrink and has very high adhesive qualities even on non porous surfaces such as granite. A cementitious jointing mortar is also supplied for large schemes as well as surface primers for special applications. Contact us for further information, specification and a quotation.

- **Very high cure strength (55N/mm²)**
- **Fast curing for quick trafficking**
- **Ready to use single pack system**
- **Excellent resistance to freeze/thaw**
- **Non shrink**
- **Excellent adhesion**
- **Very consistent and easy to work with**

---

**Technical Information**

- **Flexural Strength BS6319 Pt 3**
  - 5.6 N/mm²

- **Tensile Strength BS6319 Pt7**
  - 3.1 N/mm²

- **Slant Shear Bond Strength BS6319 Pt 4**
  - Approx. 4.5 N/mm²

- **Compressive Strength BS 1881 Pt 116**
  - 1 day 40 N/mm²
  - 7 days 45 N/mm²
  - 28 days 55 N/mm²

- **Shrinkage**
  - Specimen did not crack (Coutinho Ring Test)

- **Yield per 25 Kg Pack**
  - 13.0 Litres Approx.

- **Freeze/Thaw Resistance**
  - Excellent

- **Resistance to de-icing salts**
  - Good to Excellent

- **Heat Resistance**
  - Tolerates steam cleaning

- **Application Temperature Range**
  - 5°C - 35°C

- **Cure Before Stress**
  - 24 hours

- **Approx. Vehicular Trafficking Times**
  - Summer >15°C 1-2 days
  - Winter >5°C 3-5 days

- **Minimum/Maximum Bedding Thickness**
  - 20-75mm (detailed by specification)
// surfacing systems overview

This shows a brief overview of our overlay surfacing products and helps you compare and select the right system for your situation. More detailed information is shown on the subsequent pages.

DriveDash®
Bitumen semi-bonded stone surfacing system used for overlaying a wide variety of surfaces. Two layers of bitumen binding adhesive are spread over the surface and covered with a layer of angular gravel.

Its low cost and versatility means that it is used particularly in renovation projects. Small amounts of loose surface dressing give the ‘security noise’ of a gravel drive without all the normally associated disadvantages.

Particularly suited to heritage and historical environments.

Scatter™
Resin bonded stone surfacing system used for overlaying asphalt or concrete surfaces. A 2-part resin is spread over the surface and broadcast with a small aggregate. Once the resin is cured any loose gravel is removed by brushing and the resultant finish is a thin layer of gravel bonded to the treated surface.

Its cost effectiveness and fast application makes it suitable for large areas. Surfaces have to be smooth and in good condition as any substrate undulations are 'mirrored' in the finished surface. Excellent anti-slip and anti-skid properties.

Matrix™
Resin bound surfacing system used for overlaying asphalt or concrete surfaces. A 2-part resin is mixed with aggregate meaning that it becomes fully encapsulated within resin and is trowelled out to a specific depth.

It is the ultimate aggregate surfacing system; its great aesthetics and high performance means that it leads the field.

It forms a futuristic, seamless, hardwearing and maintenance free surface which is particularly suited to driveways and urban environments.
DriveDash®
bitumen bonded surfacing

quick preparation
simple application
instant rejuvenation
DriveDash® is a bitumen semi-bonded stone surfacing system. It can be laid over a wide variety of materials to create a natural, aesthetically pleasing and hard wearing surface, providing years of maintenance free service.

The beauty of DriveDash® is its sheer simplicity and diversity. This product is used widely and successfully on large and small driveways, paths, access roads, landscaping schemes and within the leisure industry. Customers have rejuvenated dull, uninspiring areas at a fraction of the cost of using traditional methods.

Its feel and appearance is particularly suited to heritage and older properties.

DriveDash® can be laid over existing or new concrete, asphalt or macadam based surfaces. It is a surface dressing which can be applied to renovate unsightly surfaces which are structurally sound, and provides a gravel driveway without the normally associated disadvantages.

- Low cost
- Instant rejuvenation
- Very attractive, natural and tasteful
- Adds investment value to property
- Loose surface dressing gives noise security but without the maintenance and hassle of a gravel drive
- Minimal preparation & disruption during application
- Fast & simple installation
- Very durable and hard wearing
- Low maintenance
- High slip resistance

Cost effective solution for large driveways with extensive parking areas:

DriveDash® heritage golden gravel blends perfectly with the mellow tones of this period property.
This discerning homeowner chose DriveDash® as it matched the quality and character of his heritage style house:

DriveDash® consists of a cold applied primer layer followed by a bitumen based adhesive binder. Gravel is then applied and rolled to consolidate the gravel into the binder. It can be opened to light pedestrian traffic straight away and vehicular traffic after 24 hours. The system is very quick and simple to lay and requires no specialist equipment.

The following diagram shows a cross section of the DriveDash® system:

DriveDash® makes a great impression and will improve the desirability and value of your property.

After seven years arduous use by a three car family with virtually no maintenance, this driveway still looks immaculate. 18 tonne trucks have manoeuvred on the driveway to deliver materials to a project at the rear of this property without leaving a mark on the driveway.

SEE PAGE 58 FOR APPLICATION TOOLS SUCH AS SQUEEGEES ETC

// further information

// images of application

Area prepared
Applying Primer
Applying Binder
Spreading gravel
Rolling gravel
Finished drive
The DriveDash® aggregate is available in three standard colours which are stocked in large quantities:

- Golden gravel
- Red granite
- Ingleton stone

// project images
Scatter™
resin bonded surfacing

fast application
no loose gravel
Scatter™ is a resin bonded stone surfacing system. It is used for overlaying asphalt or concrete to create an attractive and hard wearing surface which has very good anti slip and anti skid properties.

Like DriveDash®, Scatter™ resin bonded gravel is used widely on large and small driveways, paths, access roads, landscaping and commercial schemes.

Its cost effectiveness and fast application makes it suitable for large areas. As surfaces have to be smooth and in relatively good condition it tends to be used to overlay new surfaces rather than renovating old.

features

Scatter™ can be laid over new or existing concrete, asphalt or other hard surfaces which are smooth and in relatively good condition. It offers the following features:

- Very cost effective
- Instant rejuvenation
- Very attractive, natural and modern
- Fast & simple installation
- Fast curing resin
- Minimal disruption during application
- Very durable and hardwearing
- Low maintenance
- High friction giving high slip resistance
- BBA Approved for use on roads for over 10 years when laid to specification

project images
Scatter™ is laid by mixing a 2-part resin which is then spread out evenly over the treatment area and then broadcast with a 1-3mm aggregate. Once the resin has cured, the excess aggregate is removed by brushing or vacuuming and the resultant finish is a thin layer of aggregate fully bonded to the surface.

The system is very fast to lay and requires no specialist equipment. The following diagram shows a cross section of the product:

The images show that Scatter™ is very straightforward to lay and excellent results can be obtained very quickly. We also offer training if required and operate our approved installer scheme; see page 57 for further details.

A wide range of aggregate colours and finishes are available for use with the system; see page 56 for details.

If you have a surfacing requirement then contact us for advice and a quotation. We can advise on the most suitable product, coverage rates and laying methods depending on your requirements.
Matrix™ is a very attractive resin bound aggregate system that can be laid over a variety of materials to create a very futuristic, seamless, hard wearing and maintenance free surface. It is suitable for both pedestrian and vehicle trafficked areas and widely used on driveways, paths, patios, light commercial and urban schemes.

Matrix™ is a fully bound system in which aggregate is fully encapsulated with clear resin. Many different sizes, colours and blends of aggregate can be used for creative designs.

The product is highly permeable for compliance with SUDS when laid on a suitable base. This also makes it suitable for use as a tree pit system in urban areas.

Also suitable for internal use and can be sealed to create a non-porous surface.

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## Features

Matrix™ can be laid over new or existing asphalt, concrete or other stable surfaces. Its high performance and great aesthetics creates the ultimate surfacing system.

- Fully resin bound system; no loose gravel
- Futuristic and seamless trowelled finish
- Permeable - compatible with SUDS
- Extremely hard wearing
- Maintenance free
- Fast and simple installation
- Suitable for use over existing surfaces
- Retains slight flexibility for crack resistance
- UV and non-UV stable resin options
- Wide range of aggregate colours
- Pedestrian and vehicular traffic grades
- Suitable for urban tree pits

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the ultimate overlay surfacing system
Matrix™ involves a resin and hardener component which are mixed together and then mixed with a dried aggregate in a forced action mixer. We recommend mixing a blend of 1-3mm and 2-5mm aggregate for the best combination of strength and aesthetics. Once the aggregate is fully coated by the resin it is trowelled and floated out on the surface to a 15mm thick layer based on normal traffic loading. Before the resin has cured fine sand or crushed glass can be dusted over the area to create a non-slip surface.

The following diagram shows a cross section of the Matrix™ system:

![Diagram of Matrix™ system]

// images of application

Resin, hardener and aggregate are mixed together
Mixture is spread over the prepared surface
Surface is trowelled smooth and left to cure

A heavy duty aluminium edging restraint can be supplied for the resin bound gravel system and is supplied straight or notched out for creating curves. The edging is pre drilled for fixing down to the surface and speeds up installation and can be used to border different aggregate colours.
Matrix™ case study 1

Windermere Lodge Sensory Garden, St. Catherine’s

Matrix resin bound gravel was selected as the ideal surfacing system for this King’s Fund project in this sensory garden.

Totally enclosed within buildings, it was laid by an approved contractor over permeable asphalt creating a totally free draining, seamless surface.

A special blend of aggregate was chosen to fit in with the surroundings.

The client were so pleased with the results of the project they are completing a second area on the hospital complex.
Matrix™ case study 2

Aston Martin Dealership, Berkshire

When it comes to prestige there is little that can overtake the Aston Martin range of British Sports cars.

So when the Pangbourne showroom for Aston Martin were looking to resurface their vehicle display area as part of an extension and renovation, the overall presentation needed to best reflect the refinement and elegance of their cars.

Matrix resin bound surfacing system, was specified in Corn Silk 1-5mm for both its luxurious appearance and durability.
// Matrix™ case study 3

**Domestic property, Cheshire**

Originally this circular, horse and coach style driveway was an asphalt surface, which over the years had degraded to a tired tarnished state.

The client requested a high quality product to compliment the architectural features of this mock Georgian manor style house, of natural red sandstone nestled in Cheshire.

Matrix, resin bound surfacing was used as an overlay, providing a hard wearing and attractive surface to support vehicular traffic.

Harvest buff tumbled setts were used as edgings and feature bands and a blend of yellow and amber gold aggregate was chosen.

Nexus worked closely with the contractor and client, offering on-site technical advice, design and assistance with installation.

Matrix Yellow 2-5mm and Amber Gold 1-4mm aggregate blend
Dried Aggregate Colour Chart

The colour chart below shows a photo of our standard aggregate sample case in which the gravels are encapsulated within Matrix™ resin. The 1-3mm aggregates can be used with Scatter™ resin bonded gravel and would appear dry.

<table>
<thead>
<tr>
<th>Aggregate</th>
<th>Size</th>
<th>Suitable For</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green</td>
<td>2-5mm</td>
<td>1-3mm</td>
</tr>
<tr>
<td>Golden Pea</td>
<td>1-3mm</td>
<td>Only suitable for tree pits</td>
</tr>
<tr>
<td>Yellow</td>
<td>10mm</td>
<td></td>
</tr>
<tr>
<td>Golden Pea</td>
<td>2-5mm</td>
<td></td>
</tr>
<tr>
<td>Chinese Bauxite</td>
<td>1-3mm</td>
<td>(Premium range)</td>
</tr>
<tr>
<td>Staffs Pink</td>
<td>2-5mm</td>
<td>Also available as 1-3mm</td>
</tr>
<tr>
<td>Golden Quartz</td>
<td>2-5mm</td>
<td></td>
</tr>
<tr>
<td>Red Granite</td>
<td>2-5mm</td>
<td></td>
</tr>
<tr>
<td>Autumn Quartz</td>
<td>1-3mm</td>
<td></td>
</tr>
<tr>
<td>Silver Granite</td>
<td>1-3mm</td>
<td></td>
</tr>
<tr>
<td>Black</td>
<td>2-5mm</td>
<td></td>
</tr>
<tr>
<td>Autumn Quartz</td>
<td>2-5mm</td>
<td></td>
</tr>
<tr>
<td>Pearl Quartz</td>
<td>2-5mm</td>
<td></td>
</tr>
</tbody>
</table>

Aggregates shown are from the standard range; other specialist colours and recycled materials such as glass available on request. Aggregate colours shown as encapsulated within resin. Due to limitations of digital reproduction and variations of natural aggregates these colours should only be used as a guide.

// training services & approved installer scheme

All of our products are designed around ease of use and we provide full technical advice, instructions and backup as part of our normal service.

In addition to this we run regular training courses on the installation, sales and marketing of our surfacing products for contractors new to the industry or wishing to become an approved installer. These can be held near our head office in Preston and include practical demonstration on surfacing areas.

As part of our training packages we also offer on site training and manufacturer support during installation of projects which have proved popular with architects and contractors alike.

We include sales & marketing support to contractors that have been on our training courses which includes enquiry referrals generated by our website and other marketing campaigns.

If you are a contractor interested in attending one of our training courses then please contact our sales team for further details.

+44 (0)1772 298108

www.nexusprosystems.co.uk
// tools & accessories

All tools for the mixing and application of our different products have been individually selected and tested and are available from stock.

### ProJoint™ Related Tools

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Item Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPS190</td>
<td>Flexible mixing tub</td>
<td>42 Litres</td>
</tr>
<tr>
<td>NPS191</td>
<td>Drill mixing paddle</td>
<td>100 x 600mm</td>
</tr>
<tr>
<td>NPS192</td>
<td>Paddle mixer - 110v</td>
<td>1300w</td>
</tr>
<tr>
<td>NPS193</td>
<td>Paddle mixer - 240v</td>
<td>1300w</td>
</tr>
<tr>
<td>NPS194</td>
<td>Paddle mixer - spare paddle</td>
<td>140 x 600mm</td>
</tr>
<tr>
<td>NPS195</td>
<td>Rubber blade hand squeegee</td>
<td>200mm wide</td>
</tr>
<tr>
<td>NPS196</td>
<td>Standard foam squeegee - head only</td>
<td>450mm wide</td>
</tr>
<tr>
<td>NPS197</td>
<td>Handle for foam squeegee</td>
<td>1500mm</td>
</tr>
<tr>
<td>NPS198</td>
<td>Deluxe rubber blade squeegee with handle</td>
<td>450mm wide</td>
</tr>
<tr>
<td>NPS199</td>
<td>Deluxe rubber blade squeegee with handle</td>
<td>600mm wide</td>
</tr>
<tr>
<td>NPS200</td>
<td>Standard bassine broom complete with handle</td>
<td>300mm wide</td>
</tr>
<tr>
<td>NPS201</td>
<td>Standard coco broom complete with handle</td>
<td>300mm wide</td>
</tr>
<tr>
<td>NPS202</td>
<td>Stiff bassine broom complete with handle</td>
<td>600mm wide</td>
</tr>
<tr>
<td>NPS203</td>
<td>ProJoint™ epoxy resin remover/tool cleaner</td>
<td>500ml tub</td>
</tr>
<tr>
<td>NPS204</td>
<td>ProJoint™ epoxy resin remover/tool cleaner</td>
<td>5 litres</td>
</tr>
</tbody>
</table>

### PaveCare™ Related Tools

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Item Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPS300</td>
<td>Roller tray</td>
<td>300mm wide</td>
</tr>
<tr>
<td>NPS301</td>
<td>Roller holder</td>
<td>300mm wide</td>
</tr>
<tr>
<td>NPS302</td>
<td>Roller extension pole</td>
<td>300mm wide</td>
</tr>
<tr>
<td>NPS303</td>
<td>Medium pile roller sleeve</td>
<td>1.1-2m</td>
</tr>
<tr>
<td>NPS304</td>
<td>Premium paintbrush set of 3</td>
<td>25-50mm wide</td>
</tr>
</tbody>
</table>

### DriveDash® Related Tools

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Item Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPS400</td>
<td>DriveDash® citrus bitumen cleaner</td>
<td>1 litre</td>
</tr>
</tbody>
</table>

### Scatter™ Related Tools

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Item Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPS400</td>
<td>Range of brushes and rubber application squeegees shown in ProJoint™ tools</td>
<td>Various</td>
</tr>
</tbody>
</table>

### Matrix™ Related Tools

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Item Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPS400</td>
<td>Round ended pool float (shown top right)</td>
<td>500 x 115mm</td>
</tr>
<tr>
<td>NPS505</td>
<td>Xylene thinners tool cleaner</td>
<td>5 litres</td>
</tr>
</tbody>
</table>

### PPE Equipment

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Item Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPS999</td>
<td>Heavy duty nitrile disposable gloves - large</td>
<td>100 pairs</td>
</tr>
</tbody>
</table>

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// enquiries, ordering & delivery

**Enquiries**

We are a people based company and encourage communication by face to face meetings or by telephone. You can also e-mail us at sales@nexusprosystems.co.uk or contact us via our website contact page which is http://www.nexusprosystems.co.uk/contact.html

The website also provides a host of useful information as well as downloads, product videos and gallery images.

We like our clients to discuss their requirements with us so we can advise on a suitable solution to their needs. We will provide contractors with a written quotation along with other supporting material including product samples on request. We also have capability and resource to develop products for specialist requirements.

**Technical Sales**

Through our technical department we can offer a comprehensive service to specifiers and contractors. Technical representatives are available throughout the UK to supply further information, arrange product demonstrations and provide quotations.

**Ordering**

Orders can be communicated verbally or via e-mail. We accept payment via debit/credit card, bank transfer or by cheque.

**Delivery**

We use a range of overnight pallet and parcel carriers as well as our own delivery vehicles and dedicated haulage contractors for larger consignments. Many deliveries are supplied on a vehicle equipped with a tail lift for ease of handling.

**Website**

www.nexusprosystems.co.uk

for new products and latest information

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