

Paving ancillary products



nexus[®]
PAVING SYSTEMS

www.nexuspavingsystems.co.uk

| t: 01937 858000

2021

Welcome to our latest product brochure, created to showcase our ever expanding range of innovative surfacing solutions for the paving, landscaping and driveway industries.

We have been out there on site and understand the challenges faced by our industry... Our paving brands of ProJoint™ and PaveCare™ have been developed with this experience and knowledge and provide reliable professional products that are simple to use, offer value for money and will give you a clear advantage. We pride ourselves on innovative, proven solutions to age-old problems - backed up by helpful personal service.

Whilst this brochure includes product information, technical data together with preparation/application instructions for our products, additional information or advice is available by calling our sales office on 01937 858000 or by referring to our website (www.nexuspavingsystems.co.uk)

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 inter cellular communication and adhesion

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A revolutionary advancement over using traditional sand and cement mortar.

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 attracted by the ease of use and by the speed of installation which reduces labour time.

With years of cumulative experience and technical knowledge we have built up the largest UK manufactured range of resin pointing systems.

We have a product for every application; be it a domestic patio or a busy city centre streetscape...



Traditional mortar



ProJoint™ Fusion™



ProJoint™ MAX™



ProJoint™ V75-WT™ / V400-WT™



ProJoint™ V35-UV™



ProJoint™ Porcelain Grout™

Why choose ProJoint™ resin pointing?

- **Speed and efficiency:** reduces labour time and therefore costs to you and your customer
- **Ease of use:** brush-in and slurry products require no kneeling or bending
- **High strength:** epoxy resin products are 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 - being applied to damp paving means that rain before application is not a problem. Different resin products suit application temperatures from 3°C to +35°C and will not develop cracks like sand and cement due to drying out too quickly in the sun
- **Longevity:** epoxy products are designed to outlast traditional mortar and are de-icing salt, pressure washer and sweeper resistant.
- **Professional:** consistent results can be obtained very easily every time with correct colour matching and finish.





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!**

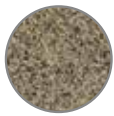
It delivers a weed free, frost resistant joint, without staining the paving - **saving you time and money.** ProJoint™ Fusion™ is supplied in two vacuum-packed pouches within the tub.



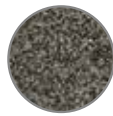
ProJoint™ Fusion™ is available in four colours*:



Neutral (buff)



Mid grey



Basalt



Black

*As sand is a natural product, some minimal colour variance may occur. Due to the print process, the colours shown in this booklet are representative only - for colour selection, cured product samples are available to view at your local stockist.

Key facts



- Contractor-sized 15kg tubs - product supplied in two 7.5kg bags for easy handling and to minimise waste
- Suitable for use in wet weather
- Professional strength and suitable for joint widths of 3mm upwards
- Cement free and non-hazardous
- Suitable for pedestrian traffic: ideal for paths and patios
- Pre-mixed, ready to use and ideal for DIY use
- Suitable for natural stone and concrete paving, setts and slabs

Order information

Item description:
ProJoint™ Fusion™

Pack size: **15kg**

Pallet quantity: **64** (can be combination of product/colour)

- Order codes:
- neutral/buff: **FUSIONN**
 - mid grey: **FUSIONG**
 - basalt: **FUSIONBA**
 - black: **FUSIONBK**



<< ProJoint™ Fusion (basalt) on natural stone paving

ProJoint™ Fusion (neutral/buff) on natural stone paving ▾



⤴ ProJoint™ Fusion (mid grey) on natural stone paving



ProJoint™ Fusion (mid grey) on slate paving >>

? Frequently asked questions...

- Q:** Your preparation and application instructions state that 'the paving should be laid on a permeable bedding' - what does this mean?
- A:** Permeable bedding means that both the bedding mortar and the sub-base on which your paving slabs/setts is laid allows water to drain through. (For example, when mortar bedding is used on a fully permeable sub-base, it should be no stronger than 6 parts sharp sand to 1 part cement (6:1). This is suitable for pedestrian areas and will ensure drainage on the area is sufficient.
- Q:** I have noticed that other 'brush-in' products on the market say they can be used on porcelain paving - can I use ProJoint™ Fusion on porcelain?
- A:** We have conducted a number of tests and would not recommend any brush-in resin product for jointing porcelain paving. The product will not damage the porcelain, however a far superior, long lasting finish can be achieved by using a cementitious product such as ProJoint™ Porcelain Grout.

Application instructions & technical information overview

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 two-part epoxy systems such as ProJoint™ MAX™ or 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. A permeable bedding mix is essential for a long lasting joint.

Application

Apply Fusion™ when surface temperature is between 3°C and 25°C.

- 1 Liberally soak the paving.
- 2 Empty the mix evenly onto the surface and work quickly into the joints using a brush or squeegee.
- 3 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.
- 4 Once the water has drained away, 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.

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

Fusion™ cures on exposure to air. Cure times are dependent on temperature and humidity, but as a guide the product can accept foot traffic 12 hours from installation. Please note that cold temperatures and wet weather can delay the curing time significantly.



Coverage

Approx coverage per 15kg tub:

Joint size	600 x 600mm slabs	Four size Indian (600mm series)	100 x 100mm setts
5mm x 25mm	20m ²	17.2m ²	3.33m ²
10mm x 25mm	10m ²	8.6m ²	1.67m ²
15mm x 25mm	6.67m ²	5.7m ²	1.11m ²

Freeze/Thaw resistance: Exceeds RL:BM2:1993

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

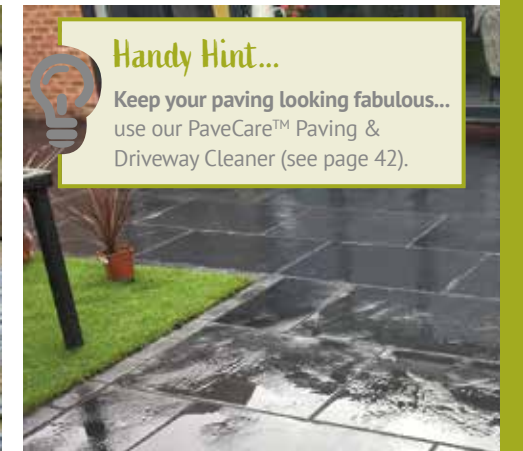
How many tubs do you need?

To help when estimating projects, use the ProJoint™ Consumption Calculator on our website.



Handy Hint...

Keep your paving looking fabulous... use our PaveCare™ Paving & Driveway Cleaner (see page 42).



PLEASE NOTE: ProJoint™ Fusion™ is not designed for porcelain paving - if you are planning on using porcelain paving, please refer to our ProJoint™ Porcelain Primer and Grout on pages 28-33.

ProJoint™ Fusion™ may highlight and enhance the natural surface colours and textures of the paving - this can be especially noticeable on grey paving, including granite, so a **test area is advised before use**. It is important to spread the mix across the total paving area to ensure the potential effect is uniform. Please note that this is a temporary effect therefore general weathering and foot traffic will accelerate its disappearance.

Handy Hint...

You can reduce waste by saving any unused product... Just fill the tub with water and submerge the remaining product and replace the lid firmly. If stored in the recommended conditions, the product should keep soft and useable for up to a month.



ProJoint™ MAX™

High strength epoxy paving grout - suitable for vehicle areas up to 3.5 tonnes

Similar to ProJoint™ Fusion™, **ProJoint™ MAX™** offers a quick and easy solution to filling joints between paving slabs and setts but can also be used in areas of vehicular access.

Suitable for natural stone and concrete paving, ProJoint™ MAX™ is a high strength 2-part epoxy paving grout and is very simple to use.

Resin and sand are supplied ready-mixed within the tub, and only requires the addition of the enclosed hardener to activate the chemical cure. Once cured, ProJoint™ MAX™ delivers a weed-free, frost resistant joint which resists pressure washing.



ProJoint™ MAX™ is available in three colours*:



Neutral (buff)



Mid grey



Black

**As sand is a natural product, some minimal colour variance may occur. Due to the print process, the colours shown in this booklet are representative only - for colour selection, cured product samples are available to view at your local stockist.*

Key facts



- Permeable bedding mix *not* required
- Part mixed components for fast application, all supplied within the mixing tub
- Professional strength, self-compacting and suitable for joint widths of 5mm upwards
- Weed, pressure washer and frost resistant
- Ideal for paths and patios as well as driveways or other vehicular areas (up to 3.5 tonnes)
- Suitable for natural stone and concrete paving, setts and slabs

Order information

Item description:
ProJoint™ MAX™

Pack size: **15kg**

Pallet quantity: **50** (can be combination of product/colour)

- Order codes:
- neutral/buff: **MAXN**
 - mid grey: **MAXG**
 - black: **MAXBK**



Photos courtesy of David Wood Landscapes



<< ⚡ ProJoint™ MAX (mid grey) on rustic slate.

⚡ ProJoint™ MAX (mid grey) on sandstone



Frequently asked questions...

- Q:** Will pressure washing the stone mark or damage the ProJoint™ MAX?
- A:** No, the chemical cure of the ProJoint™ MAX epoxy jointing compound can withstand the use of any domestic pressure washer, without damage to the joint.
- Q:** How can I reduce the resin sheen?
- A:** Any resin sheen will be reduced by soaking the paving thoroughly prior to application, and using a wet brush to sweep off any epoxy left on the paving. *Please note: any resin sheen is a temporary effect and general foot traffic and weathering will accelerate its disappearance.*
- Q:** Does the ProJoint™ MAX require a permeable base, like the air curing jointing compounds?
- A:** No, as it is an epoxy cure, standing water does not affect the integrity of the jointing compound.
- Q:** My patio is not taking vehicle traffic, is using ProJoint™ MAX necessary?
- A:** Using the two part epoxy ProJoint™ MAX will give you peace of mind that you will have a stronger, longer lasting joint.

Preparation

1 Ensure the surface of the paving is clean prior to application** and the joints are cleaned out to a minimum depth of 25mm for 3.5t traffic loading, and a minimum joint width of 5mm. Paving should be firmly bedded and stable prior to filling joints and laid on bedding material suitable for the intended traffic loading. ProJoint™ MAX™ can be installed on paving with either a permeable or non-permeable bed.

***Care should be taken to ensure no soil or dirt is left or walked onto the surface of the paving during the application process as this may get trapped in the resin once cured.*

- 2** Liberally wet the paving prior to mixing the product, allowing the water to soak into the surface. ProJoint™ MAX™ is designed to be mixed in its tub using a plasterers' whisk.
- 3** When wearing appropriate PPE, remove the bottle of hardener (contained within a sealed bag) from the tub.
- 4** Open carefully and empty the hardener into the resin/sand mix.
- 5** Using a plasterers' whisk, mix for 3 minutes until the mix becomes a free flowing slurry.
- 6**



Handy Hint...

For best results... always protect unused ProJoint™ MAX™ from frost and temperatures over 25°C.

PLEASE NOTE: ProJoint™ MAX™ is not designed for porcelain paving - if you are planning on using porcelain paving, please refer to our ProJoint™ Porcelain Primer and Grout on pages 28-33.

Due to the high epoxy resin content ProJoint™ MAX™ will highlight and enhance the natural surface colours and textures of the paving - this sheen can be especially noticeable on grey paving, including granite, so a test area is advised before use. It is important to spread the mix across the total paving area to ensure the potential effect is uniform. Please note that this is a temporary effect; weathering and foot traffic will accelerate its disappearance. For extra porous paving, or to minimise any effect use ProJoint™ Fusion or ProJoint™ V35-UV™.



Application

- 7** Ensure that the paving is still wet and the surface temperature is between 3°C and 25°C. Do not allow the paving to dry out during application - care should be taken when using the product on dark paving in direct sunlight due to high surface temperatures.
- 8** Empty the mix directly onto the paving.
- 9** Move the mix using a squeegee over the total area - allowing the empty joints to fill completely.
- 10** Leave for 10 to 15 minutes to allow the foam in the slurry disappear.
- 11** Use a wet medium soft brush at 45° to joints and sweep off the excess sand leaving the paving clean.
- 12** 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. Do not add any more water to the surface at this time.

The fluid nature of the mortar means that no further compaction of the joint is required. A trowel or iron can be used to achieve a traditional finish if necessary, once the mortar has begun to cure.

Protect from rain until fully cured. Prolonged and heavy rain will delay the curing process and increase the risk of fluid damage so we recommend that the jointed area is covered if there is a chance of rain. Please make sure that any protective cover does not come into contact with the fresh joints; air circulation over the joints is required during curing time.

Cure times are dependent on temperature and humidity, but as a guide ProJoint™ MAX™ can accept foot traffic after 12 hours and light vehicle traffic after 24 hours at 20°C. Please note that cold temperatures and moisture will extend the cure and therefore protection time required.

Coverage

Approx coverage per 15kg tub:

Joint size	600 x 600mm slabs	Four size Indian (600mm series)	100 x 100mm setts
5mm x 25mm	22.5m ²	19.5m ²	4m ²
10mm x 25mm	11.25m ²	9.75m ²	2m ²
15mm x 25mm	7.5m ²	6.5m ²	1.34m ²

How many tubs do you need?
To help when estimating projects, use the ProJoint™ Consumption Calculator on our website.

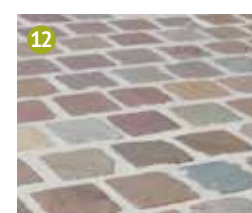
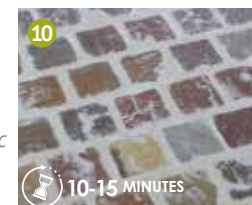


For storage and health and safety information - a full datasheet is available on request.



Handy Hint...

For best results... it is important to spread the mix across the total paving area.





ProJoint™ V75-WT™

2-part epoxy resin mortar system - suitable for vehicle areas up to 7.5 tonnes

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. Its high performance means that it is used widely for domestic and commercial projects where medium traffic loading is required.

ProJoint™ V75-WT™ is available in three colours*:



Neutral (buff) Mid grey Black

*As sand is a natural product, some minimal colour variance may occur. Due to the print process, the colours shown in this booklet are representative only - for colour selection, cured product samples are available to view at your local stockist.



Key facts



- Permeable bedding mix *not* required
- Two part resin based mortar system, cement free
- Medium to heavy traffic loads up to 7.5 tonnes, ideal for patios, driveways and high traffic areas
- Self compacting, fast and easy application - without bending or kneeling
- Professional strength suitable for joint widths of 5mm upwards
- Weed, pressure washer and frost resistant
- Suitable for natural stone and concrete paving, setts and slabs

Order information

Item description:
ProJoint™ V75-WT™

Pack size: **27kg**

Pallet quantity: **42** (can be combination of product/colour)

Order codes:

- neutral/buff: **V75N**
- mid grey: **V75G**
- black: **V75B**



^ ProJoint™ V75-WT (neutral/buff) used in this decorative labyrinth (see page 46)



>> ProJoint™ V75-WT (neutral/buff) was used in an award-winning RHS Tatton Park garden (see page 47)

>> ProJoint™ V75-WT (black) used to create a traditional pitch pointing effect with cobbles

>> ProJoint™ V75-WT (neutral/buff) used on an Indian sandstone driveway



? Frequently asked questions...

- Q:** Do you need to weigh out any of the materials before mixing?
A: No, the ProJoint™ V75-WT kits are pre-weighed and are designed to be mixed as supplied. It is as simple as putting the full quantity of sand in a mixing vessel, then pouring in both the resin and hardener tubs and mixing prior to adding the 3litres of water.
- Q:** What should the consistency of ProJoint™ V75-WT be when it is ready to apply?
A: In order for the ProJoint™ V75-WT to be able to flow sufficiently and fill the joints completely, the slurry should be a 'porridge consistency' - this will ensure no additional compaction of joints is necessary and is perfect for cobbles or setts.
- Q:** Do you have an application video of the ProJoint™ V75-WT?
A: Yes, a step by step video is available on our website (www.nexuspavingsystems.co.uk) and on YouTube.
- Q:** I only have a small area to point - can I mix half the kit?
A: It is possible to mix in part quantities however it would be necessary to weigh the component parts using accurate scales - we wouldn't recommend doing this by estimation.



Preparation

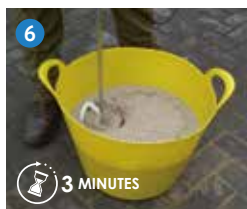
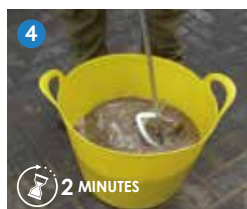
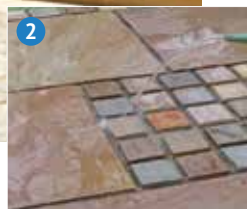
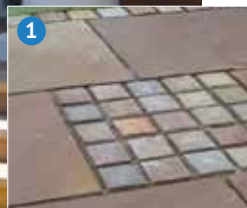
- 1 Ensure the surface of the paving is clean prior to application** and the joints are cleaned out to a minimum depth of 25mm for 7.5t traffic loading, and a minimum joint width of 5mm. Paving should be firmly bedded and stable prior to filling joints and laid on bedding material suitable for the intended traffic loading. ProJoint™ V75-WT™ can be installed on paving with either a permeable or non-permeable bed.

**Care should be taken to ensure no soil or dirt is left or walked onto the surface of the paving during the application process as this may get trapped in the resin once cured.

- 2 Liberally wet the paving prior to mixing the product, allowing the water to soak into the surface.
- 3 ProJoint™ V75-WT™ should be mixed in a suitably sized bucket using a plasterers' whisk. When wearing appropriate PPE, add the sand to the bucket, pour the resin and hardener into the sand together and begin mixing.
- 4 Mix for around two minutes until thoroughly mixed.
- 5 Add 3 litres of water to the mix (equivalent to 2x resin containers and 1x hardener container).
- 6 Mix for a further three minutes until the mix becomes a free flowing slurry.

PLEASE NOTE: ProJoint™ V75-WT™ is not designed for porcelain paving - if you are planning on using porcelain paving, please refer to our ProJoint™ Porcelain Primer and Grout on pages 28-33.

Due to the high epoxy resin content ProJoint™ V75-WT™ will highlight and enhance the natural surface colours and textures of the paving - this sheen can be especially noticeable on grey paving, including granite, so a test area is advised before use. It is important to spread the mix across the total paving area to ensure the potential effect is uniform. Please note that this is a temporary effect; weathering and foot traffic will accelerate its disappearance. For extra porous paving, or to minimise any effect use ProJoint™ Fusion or ProJoint™ V35-UV™



Application

Ensure that the paving is still wet and the surface temperature is between 3°C and 25°C. Do not allow the paving to dry out during application - care should be taken when using the product on dark paving in direct sunlight due to high surface temperatures.

- 7 Empty the mix directly onto the paving.
- 8 Move the mix using a squeegee over the total area - allowing the empty joints to fill completely.
- 9 Leave for 10 to 15 minutes to allow the foam in the slurry to disappear.
- 10 Use a wet medium soft brush at 45° to joints and sweep off the excess sand leaving the paving clean.
- 11 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. Do not add more water to the surface at this time.

The fluid nature of the mortar means that no further compaction of the joint is required. A trowel or iron can be used to achieve a traditional finish if necessary, once the mortar has begun to cure.

Protect from rain until fully cured. Prolonged and heavy rain will delay the curing process and increase the risk of fluid damage so we recommend that the jointed area is covered if there is a chance of rain. Please make sure that any protective cover does not come into contact with the fresh joints; air circulation over the joints is required during curing time.

Cure times are dependent on temperature and humidity, but as a guide ProJoint™ V75-WT™ can accept foot traffic after 12 hours and vehicle traffic after 24 hours at 20°C. Please note that cold temperatures and moisture will extend the cure and therefore protection time required.

Coverage

Approx coverage per 27kg kit:

Joint size	600 x 600mm slabs	Four size Indian (600mm series)	100 x 100mm setts
5mm x 25mm	45m ²	39m ²	8m ²
10mm x 25mm	22.5m ²	19.5m ²	4m ²
15mm x 25mm	15m ²	13m ²	2.67m ²

How many kits do you need?

To help when estimating projects, use the ProJoint™ Consumption Calculator on our website.

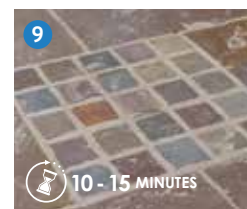


For storage and health and safety information - a full datasheet is available on request.



Handy Hint...

For best results... it is important to spread the mix across the total paving area.





ProJoint™ V400-WT™

Increased strength 2-part epoxy resin mortar system - suitable for vehicle areas up to 40 tonnes

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 loads up to 40 tonnes.

The two-part epoxy resin system is easily mixed and quickly applied as a slurry to dampened paving. The ultra high strength of ProJoint™ V400-WT™ means that it can be used in the most demanding of environments where heavy traffic loading is required.

ProJoint™ V400-WT™ is available in three colours*:



Neutral (buff)



Mid grey



Black

**As sand is a natural product, some minimal colour variance may occur. Due to the print process, the colours shown in this booklet are representative only - for colour selection, cured product samples are available to view at your local stockist.*



Key facts

- Permeable bedding mix *not* required
- Two part resin based mortar system, cement free
- Heavy traffic loads up to 40 tonnes, ideal for high traffic areas and roadways
- Self compacting, fast and easy application - without bending or kneeling
- Professional strength suitable for joint widths of 5mm upwards
- Weed, pressure washer and frost resistant
- Suitable for natural stone and concrete paving, setts and slabs



Order information

Item description:
ProJoint™ V400-WT™

Pack size: 27kg

Pallet quantity: 42 (can be combination of product/colour)

Order codes:
• neutral/buff: V400N
• mid grey: V400G
• black: V400B



▲ ProJoint™ V400-WT (mid grey) used at the Leeds M1 Skelton Lake motorway services (see page 46)



▲ ProJoint™ V400-WT (mid grey) in Sheffield City Centre



▼ ProJoint™ V400-WT (mid grey) on Yorkstone setts



◀ ProJoint™ V400-WT (mid grey) used on this cobble slipway in San Sebastián



Frequently asked questions...

Q: I have just finished using the ProJoint™ V400-WT, can I apply a sealer?

A: We would recommend to wait until any resin sheen has faded from the surface of the stone before applying any sealer.

Q: Do you have an application video for the ProJoint™ V400-WT?

A: Yes, we have a video on our website, and on YouTube, for the ProJoint™ V75-WT - as the only difference between these products is the resin and hardener strength, the products are prepared and applied in the same way.

Application instructions & technical information overview



Preparation

1 Ensure the surface of the paving is clean prior to application** and the joints are cleaned out to a minimum depth of 25mm for 40t traffic loading, and a minimum joint width of 5mm. Paving should be firmly bedded and stable prior to filling joints and laid on bedding material suitable for the intended traffic loading.

**Care should be taken to ensure no soil or dirt is left or walked onto the surface of the paving during the application process as this may get trapped in the resin once cured.



Handy Hint...

Don't let your paving dry out during application... in hot weather, why not work on smaller areas of paving and minimise the risk of any product drying/starting to cure on the surface.

- 2 Liberally wet the paving prior to mixing the product, allowing the water to soak into the surface.
- 3 ProJoint™ V400-WT™ should be mixed in a suitably sized bucket using a plasterers' whisk. When wearing appropriate PPE, add the sand to the bucket, pour the resin and hardener into the sand together and begin mixing.
- 4 Mix for around two minutes until thoroughly mixed.
- 5 Add 3 litres of water to the mix (equivalent to 2x resin containers and 1x hardener container).
- 6 Mix for a further three minutes until the mix becomes a free flowing slurry.

PLEASE NOTE: ProJoint™ V400-WT™ is not designed for porcelain paving - if you are planning on using porcelain paving, please refer to our ProJoint™ Porcelain Primer and Grout on pages 28-33.

Due to the high epoxy resin content ProJoint™ V400-WT™ will highlight and enhance the natural surface colours and textures of the paving - this sheen can be especially noticeable on grey paving, including granite, so a test area is advised before use. It is important to spread the mix across the total paving area to ensure the potential effect is uniform. Please note that this is a temporary effect; weathering and foot traffic will accelerate its disappearance. For extra porous paving, or to minimise any effect use ProJoint™ Fusion or ProJoint™ V35-UV™



Application

Ensure that the paving is still wet and the surface temperature is between 3°C and 25°C. Do not allow the paving to dry out during application - care should be taken when using the product on dark paving in direct sunlight due to high surface temperatures.

- 7 Empty the mix directly onto the paving.
- 8 Move the mix using a squeegee over the total area - allowing the empty joints to fill completely.
- 9 Leave for 10 to 15 minutes to allow the foam in the slurry to disappear.
- 10 Use a wet medium soft brush at 45° to joints and sweep off the excess sand leaving the paving clean.
- 11 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. Do not add more water to the surface at this time.

The fluid nature of the mortar means that no further compaction of the joint is required. A trowel or iron can be used to achieve a traditional finish if necessary, once the mortar has begun to cure.

Protect from rain until fully cured. Prolonged and heavy rain will delay the curing process and increase the risk of fluid damage so we recommend that the jointed area is covered if there is a chance of rain. Please make sure that any protective cover does not come into contact with the fresh joints; air circulation over the joints is required during curing time.

Cure times are dependent on temperature and humidity, but as a guide ProJoint™ V400-WT™ can accept foot traffic after 12 hours and vehicle traffic after 24 hours at 20°C. Please note that cold temperatures and moisture will extend the cure and therefore protection time required.

Coverage

Approx coverage per 27kg kit:

Joint size	600 x 600mm slabs	Four size Indian (600mm series)	100 x 100mm setts
5mm x 25mm	45m ²	39m ²	8m ²
10mm x 25mm	22.5m ²	19.5m ²	4m ²
15mm x 25mm	15m ²	13m ²	2.67m ²

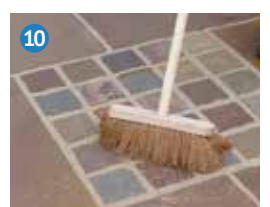
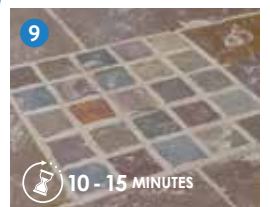
For storage and health and safety information - a full datasheet is available on request.

How many kits do you need?
To help when estimating projects, use the ProJoint™ Consumption Calculator on our website.



Handy Hint...

For best results... it is important to spread the mix across the total paving area.





ProJoint™ V35-UV™

1-part PU resin mortar system with 100% UV stability designed for sensitive stone - suitable for vehicle areas up to 3.5 tonnes

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.

Specifically designed for sensitive stone, ProJoint™ V35-UV™ is the perfect partner for the most prestigious of projects.

The single component PU resin is mixed with the sand supplied, and applied to the paving using either a brush or squeegee. It offers a long processing time which makes it especially suited for paving with narrow joints, large paving unit sizes, and for use in hot weather.



ProJoint™ V35-UV™ is available in three colours*:



Neutral (buff)



Mid grey



Black

**As sand is a natural product, some minimal colour variance may occur. Due to the print process, the colours shown in this booklet are representative only - for colour selection, cured product samples are available to view at your local stockist.*

Key facts



- One part resin based mortar system, cement free
- Light to medium traffic loads up to 3.5 tonnes, ideal for patios and driveways
- Long working time so ideal for narrow joints and hot weather with easy application - without bending or kneeling
- Professional strength suitable for joint widths of 5mm upwards
- Weed, pressure washer and frost resistant
- Suitable for natural stone and concrete paving, setts and slabs

Order information

Item description:
ProJoint™ V35-UV™

Pack size: 26kg

Pallet quantity: 42 (can be combination of product/colour)

Order codes:

- neutral/buff: **V35UVN**
- mid grey: **V35UVG**
- black: **V35UVB**

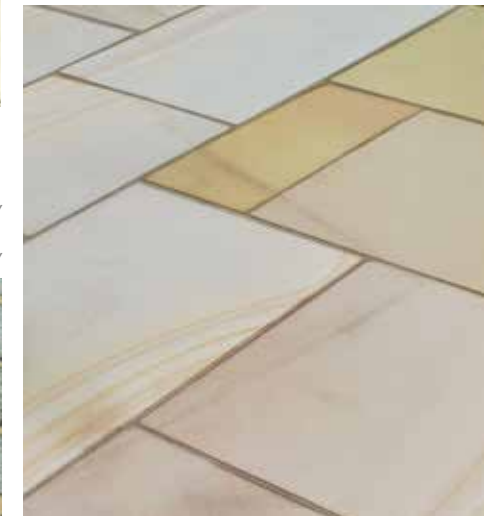


<<

This contractor chose to joint this sawn tallow paving with ProJoint™ V35-UV (mid grey) due to the sensitive nature of the stone. The grey jointing works really well with the pale neutral shades of the paving.

(The paving was later sealed with the PaveCare™ PRO-810 invisible sealer.)

∨



>>

Sawn sandstone jointed with neutral/buff ProJoint™ V35-UV

∨ Granite setts jointed with neutral/buff ProJoint™ V35-UV



Frequently asked questions...

Q: Can ProJoint™ V35-UV be used on internal stone paving floors?

A: Yes, compared to other jointing products in our range, ProJoint™ V35-UV is the most suitable for pointing internal natural stone, as it is applied dry.

Q: I have just finished jointing one section of my patio, can I leave the material in the mixing tub until tomorrow to grout the last area?

A: No, once the tin has been opened, the curing process will start and the product will start to set/cure in around two hours.



Handy Hint...

For best results... it is important to spread the mix across the total paving area. Use a squeegee to ensure the joints are well filled and compacted.

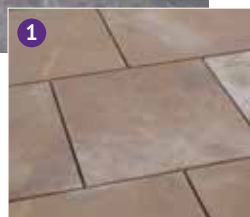
Preparation

Ensure the surface of the paving is clean prior to application** and the joints are cleaned out to a minimum depth of 25mm for 3.5t traffic loading, and a minimum joint width of 5mm.

- 1 Paving should be firmly bedded and stable prior to filling joints and laid on bedding material suitable for the intended traffic loading.

**Care should be taken to ensure no soil or dirt is left or walked onto the surface of the paving during the application process as this may get trapped in the resin once cured.

- 2 ProJoint™ V35-UV™ should be mixed in a suitably sized bucket using a plasterers' whisk. When wearing appropriate PPE, add the sand to the bucket.
- 3 Pour the resin into the sand and begin mixing.
- 4 Mix for around three minutes until the sand and resin is thoroughly combined.



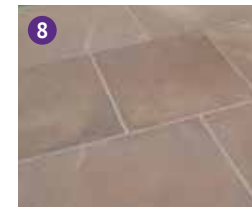
Application

Ensure that the surface temperature is between 5°C and 35°C. Care should be taken when using the product on dark paving in direct sunlight due to high surface temperatures.

- 5 Empty the mix evenly onto the paving.
- 6 Work into the joints using a brush or squeegee to ensure material is well compacted into the joints. As this product is applied dry, the manual compaction of the material is important, as any underlying voids could result in secondary settlement.
- 7 Once worked into the joints, use a soft brush at 45° to joints, and carefully sweep off all the excess leaving the paving clean.
- 8 A trowel or iron can be used to achieve a traditional finish if necessary, once the mortar has begun to cure.

This product is shower resistant after the initial cure but but requires protecting from rain until cured. Any prolonged or heavy rain will delay the curing process and increase the risk of fluid damage so we recommend that the jointed area is covered if there is a chance of rain. Please make sure that any protective cover does not come into contact with the fresh joints; air circulation over the joints is required during the curing time.

Cure times are dependent on temperature and humidity, but as a guide can accept foot traffic after 12 hours and vehicle traffic after 24 hours. Please note that cold temperatures will extend the cure and therefore protection time required.



Coverage

Approx coverage per 26kg kit:

Joint size	600 x 600mm slabs	Four size Indian (600mm series)	100 x 100mm setts
5mm x 25mm	45m ²	39m ²	7.6m ²
10mm x 25mm	22.5m ²	19.5m ²	3.8m ²
15mm x 25mm	15m ²	13m ²	2.5m ²

How many kits do you need?
To help when estimating projects, use the ProJoint™ Consumption Calculator on our website.

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



PLEASE NOTE: ProJoint™ V35-UV™ is not designed for porcelain paving - if you are planning on using porcelain paving, please refer to our ProJoint™ Porcelain Primer and Grout on pages 28-33.

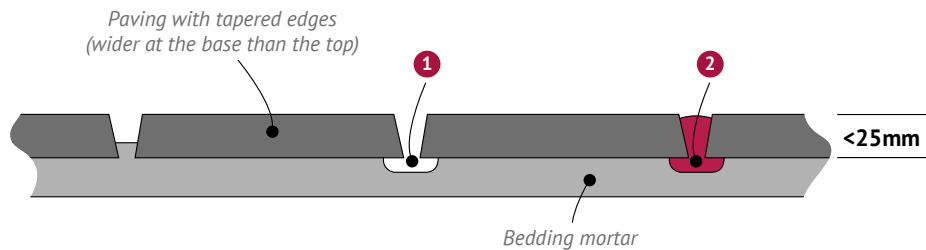
ProJoint™ V35-UV™ may highlight and enhance the natural surface colours and textures of the paving - this sheen can be especially noticeable on grey paving, including granite, so a test area is advised before use. It is important to spread the mix across the total paving area to ensure the potential effect is uniform. Please note that this is a temporary effect; weathering and foot traffic will accelerate its disappearance.

Important recommendation

Please note: when using wet cast concrete paving with tapered edges we recommend the following procedure to minimise the risk of any type of jointing compound/cement 'lifting' during or after curing due to the base of the joint being narrower than the top.

To ensure the ProJoint™ jointing compounds can 'lock' under the paving and achieve the best possible joint and reduce the possibility of the compound 'lifting' during or after curing:

- 1 Ensure the base of each paving slab is a minimum distance of 3mm from other slabs and create a small space under the joint area of each slab.
- 2 Ensure the jointing compound fills the joint to just below the upper surface of the paving slabs. (Pointing/striking with a trowel/iron will help adhesion to the sides of the paving further.)



ProJoint™
Contract SBR

ProJoint™
High Performance SBR

In order to achieve the best possible outcome for your paving project we recommend that you use our SBR for priming and as an additive in your bedding mortar.

The ProJoint™ SBR products are a water-based emulsion of a modified styrene-butadiene polymer and have been designed to improve the strength and workability of sand and cement mortar. They can also be used for priming the surface of natural stone or cement slabs or setts to promote adhesion.

With non-foaming properties ProJoint™ SBR controls the density of the mortar and results in a significant increase in compressive, tensile and flexural strength. For peace of mind that your paving will be securely bedded with additional benefits such as an excellent freeze:thaw resistance and mortar durability, you can choose between our High Performance or Contract SBR.



ProJoint™
High Performance SBR

Professional strength SBR

Designed for use to improve the performance of sand and cement mixes and also for priming surfaces to promote adhesion. It has non-foaming properties which controls the density of mortar and results in a significant increase in compressive, tensile and flexural strength.

Key facts

- High solids content of over 45%
- Improves strength and workability of sand and cement mortar
- Excellent freeze : thaw resistance
- Increases water resistance and durability of mortar
- Typical addition is 200ml per 1kg of cement

Order information

Item description: ProJoint™ High Performance SBR
Pack size: 4 x 5L
Order codes: HPSBR5



ProJoint™
Contract SBR

Key facts

- Solids content of over 30%
- Improves strength and workability of sand and cement mortar
- Excellent freeze : thaw resistance
- Increases water resistance and durability of mortar
- Typical addition is 200ml per 1kg of cement

Order information

Item description: ProJoint™ Contract SBR
Pack size: 4 x 5L
Order codes: CSBR5



PLEASE NOTE: ProJoint™ SBR is not designed for porcelain paving - if you are planning on using porcelain paving, please refer to our ProJoint™ Porcelain Primer on page 28.



ProJoint™ PORCELAIN™ Primer

High performance priming slurry for porcelain paving

The ProJoint™ Porcelain™ Primer is an ultra-high polymer and fibre modified flexible primer with excellent workability and adhesion properties.

As a single coat fast application, ProJoint™ Porcelain™ Primer promotes adhesion and control suction on difficult substrates such as porcelain, concrete, ceramic tiles, paving slabs or setts. Using the ProJoint™ Porcelain™ Primer enables the porcelain slabs or setts to be laid on a sand and cement bedding.

The powdered primer is supplied in two 10kg bags to allow the bucket to act as the ideal mixing vessel with the simple addition of water.



Key facts

- Single coat application to the underside of paving
- Enables the paving to be laid on sand and cement bedding
- Excellent workability and adhesion properties
- Suitable for brush or roller application
- Can be applied in low temperatures
- Suitable for internal or external use
- Two x 10kg bags contained within the lidded mixing tub



Order information

Item description:
ProJoint™ Porcelain™ Primer

Pack size: 20kg

Pallet quantity: 50 (can be combination of product/colour)

Order code:
• Primer PP20

Application instructions & technical information overview

ProJoint™ Porcelain™ Primer is designed to be applied to the underside of porcelain paving and other low absorption substrates to promote adhesion. The underside of the paving should be clean, dry and free of any material which may impair adhesion. **Do not apply to shiny surfaces.** ProJoint™ Porcelain™ Primer should not be used in wet weather and/or if frost is forecast within 24 hours of application. Suitable for use in temperatures between 3°C and 25°C.

Preparation

ProJoint™ Porcelain™ Primer should be mixed with 2.8 litres of cold clean water per 10kg bag.

- 1 Remove the bags from the tub and add the water to the bucket.
- 2 Add the powder slowly and mix using a drill and paddle/plasterer's whisk.
- 3 Mix for 2 minutes.
- 4 Leave to stand for 2 minutes. **This is important as the process allows the polymer additives to dissolve and activate.**
- 5 Re-mix for a further 2 minutes.

Application

- 6 When wearing appropriate PPE, **apply a thorough and even coat** of the primer as a slurry using a masonry brush or roller to the underside of the paving. The pot life of the mixed slurry is approximately 60 minutes at 20°C. **The primer should be completely dry prior to laying the paving.** Depending on the temperature and moisture, the primer will be dry within 10 to 15 minutes, however the primed slabs can be left undercover and dry for up to 2 weeks prior to laying. Paving should then be laid on a wet sand and cement mortar bed.

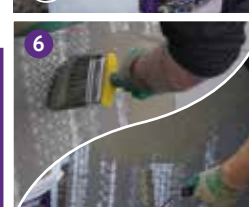
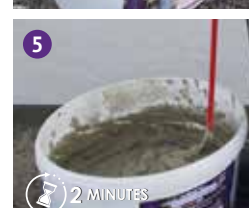
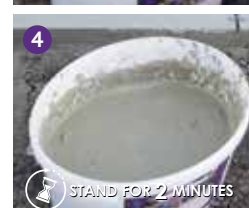
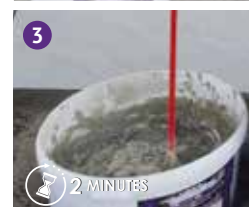
All tools should be washed out with water immediately after use. Waste material should not be emptied into drainage systems.

Coverage

Approximate coverage per 20kg tub is 27.5m² depending on the application method and paving porosity.

Frequently asked questions...

- Q:** Can the slabs be primed and left until ready to lay?
A: Yes, we recommend the primer is dry before laying the flags - once primed, they can be left for up to 2 weeks prior to laying.
- Q:** How strong is the ProJoint™ Porcelain Primer?
A: The primer has fantastic adhesion properties - in pull off tests the primer brings up the mortar bed with it.
- Q:** Why can't I use the ProJoint™ SBR for porcelain flags?
A: WE only recommend SBR for natural stone and concrete as they are porous surfaces unlike porcelain.



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

PLEASE NOTE: We recommend that ProJoint™ Porcelain™ Primer be used prior to laying paving and grouting porcelain paving with ProJoint™ Porcelain™ Grout. Please see pages 30-33 for more details.



ProJoint™ PORCELAIN™ Grout

Flexible high performance porcelain paving grout

Specially formulated for porcelain paving, ProJoint™ Porcelain™ Grout has been developed for joint widths of 2mm to 20mm and is ideal for external or internal use.

The anti-mould growth technology with added silicone, helps limit mould growth and allows ProJoint™ Porcelain™ Grout to repel water from the surface of the grout, whilst allowing vapour to pass through.

ProJoint™ Porcelain™ Grout is supplied in two 10kg bags, to allow the bucket to act as the ideal mixing vessel.



ProJoint™ Porcelain™ Grout is available in four colours*:



Neutral (buff)



Mid grey



Basalt



Black

**PLEASE NOTE: Due to the print process, the colours shown in this booklet are representative only - for colour selection, cured product samples are available to view at your local stockist. Using an excessive quantity of water during cleaning may result in a change of colour to the grout once dry.*

Key facts



- Professional strength
- Developed for joint widths of 2mm to 20mm
- Suitable for external and internal use
- Limits mould growth and repels water
- Allows vapour to pass through the surface of the grout
- Ready to mix
- Two x 10kg bags contained within the lidded mixing tub

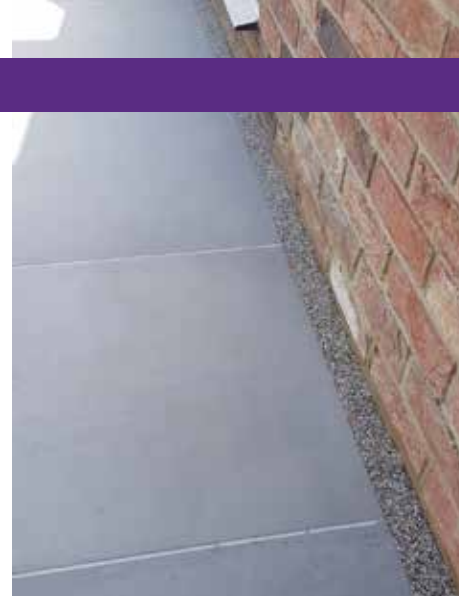
Order information

Item description:
ProJoint™ Porcelain™ Grout

Pack size: 20kg

Pallet quantity: 50 (can be combination of product/colour)

- Order codes:
- neutral/buff: PG20N
 - mid grey: PG20G
 - basalt: PG20BA
 - black: PG20BK



^ ProJoint™ Porcelain Grout in neutral/buff

<< ProJoint™ Porcelain Grout in mid grey

<< ProJoint™ Porcelain Grout in mid grey

v ProJoint™ Porcelain Grout in neutral/buff



Frequently asked questions...



- Q:** Why should we use ProJoint™ Porcelain Grout over the other 'brush-in compounds' for porcelain paving?
A: We have conducted a number of tests and would not recommend any brush-in resin product for jointing porcelain paving. The 'brush in' product will not damage the porcelain however a far superior and long-lasting finish can be achieved by using ProJoint™ Porcelain Grout.
- Q:** Is there any way to speed up the grouting process?
A: We have tested the grout using a 'wash boy' which speeds up the process of removing the excess grout.
- Q:** Can you pressure wash the porcelain grout?
A: Yes, provided the grout is fully cured and the pressure washer is a fan nozzle and is held 200mm away from the joints.

Application instructions & technical information overview

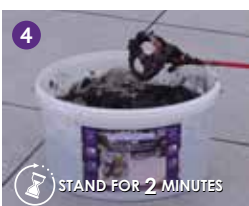
Ensure that the paving is firmly fixed and the joints are clean and free of dust, excess adhesive, bedding mortar or any contamination. **Do not use in wet weather (although can be used if the joints are damp) and do not use if frost is forecast within 24 hours of application.**

ProJoint™ Porcelain™ Grout is suitable for use on surface temperatures between 5°C and 25°C. **Do not apply to areas in direct sunlight or to substrates that are hot.**

Preparation

ProJoint™ Porcelain™ Grout should be mixed with 275ml of cold clean water per 1kg of grout.

- 1 Remove the bags from the tub and add the measured quantity of water.
- 2 Slowly add the measured amount of powder.
- 3 Mix for 2 minutes using a drill and paddle/plasterers' whisk, until a smooth creamy consistency is reached.
- 4 Allow to stand for 2 minutes. **This is important as the process allows the polymer additives to dissolve and activate.**
- 5 Re-mix for 2 minutes. **Do not add any more water as this may cause a weakening of the grout and may also lead to discolouration in the form of efflorescence.**



Handy Hint...

Never add water or fresh grout powder to a grout mix which has already started to set.



PLEASE NOTE: We recommend that ProJoint™ Porcelain™ Primer be used prior to laying paving and grouting porcelain paving with ProJoint™ Porcelain™ Grout. Please see pages 29 for more details.

32 A grout film and/or pigment stains (especially with dark colours) may remain on paving after jointing. A trial grouting area is recommended to check suitability. Always follow the paving manufacturer's recommendations.

Application

- 6 Use a rubber float to work the grout deeply into the joints until flush with the paving. **Excess grout should be removed as work proceeds.**
- 7 Any final residues left on the tile face can be removed by wiping off with a damp sponge up to 30 minutes after application. **Ensure you have plenty of clean water for removing grout whilst wet/damp.**
- 8 We recommend the use of a washboy and sponge float to clean the grout residue from the surface of the porcelain and provide a smooth finish on the joints. **Textured paving may need additional cleaning to remove once dry.** Any dry film remaining on the surface can be removed by polishing off with a dry cloth when the grout has hardened in the joints.

The pot life of the mixed grout is approximately 30 to 40 minutes at 20°C.

All tools should be washed out with water immediately after use. Waste material should not be emptied into drainage systems. Newly grouted joints should be protected from rain or frost during the curing process. Please ensure that any protective cover does not come into contact with the fresh joints; air circulation over joints is required during curing.

Cure times are dependent on temperature and humidity, but as a guide ProJoint™ Porcelain™ Grout can accept foot traffic after 3 hours at 20°C and is fully cured after 72 hours at 20°C. Please note that cold temperatures and moisture will extend the curing time.

IMPORTANT: once dry, the grout will be considerably lighter in colour than the freshly mixed grout.



Handy Hint...

For best results... only use clean water and clean tools for grouting and final cleaning.



Coverage

Approximate coverage per 20kg:

Joint size	1200 x 600mm slabs	600 x 600mm slabs	900 x 220mm planks
4mm x 20mm	62.5m ²	47.17m ²	27.47m ²
5mm x 20mm	50.0m ²	37.31m ²	22.12m ²
6mm x 20mm	41.68m ²	31.25m ²	18.38m ²

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

How many tubs do you need?
To help when estimating projects, use the ProJoint™ Consumption Calculator on our website.



All paving requires care and maintenance so we have developed a range of products designed to keep your paving looking at its best.

Our **PaveCare™** range includes high quality paving sealants, surface restorers as well as specialist cleaning concentrates.

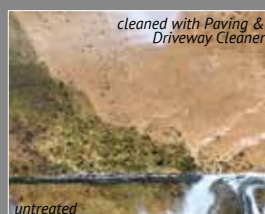
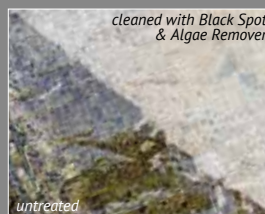
Paving sealants protect surfaces from water ingress and remain a barrier against dirt. They effectively help maintain the paving, keep it looking cleaner for longer and make it much easier to clean when it is required.

Our two most popular sealants are **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.

The **Black Limestone Restorer** is a permanent colour rejuvenation solution that re-darkens the surface of the black limestone and other dark coloured stone.

The **Black Spot & Algae Remover** is a deep cleaning solution designed to remove black spot, lichen, moss and stains.

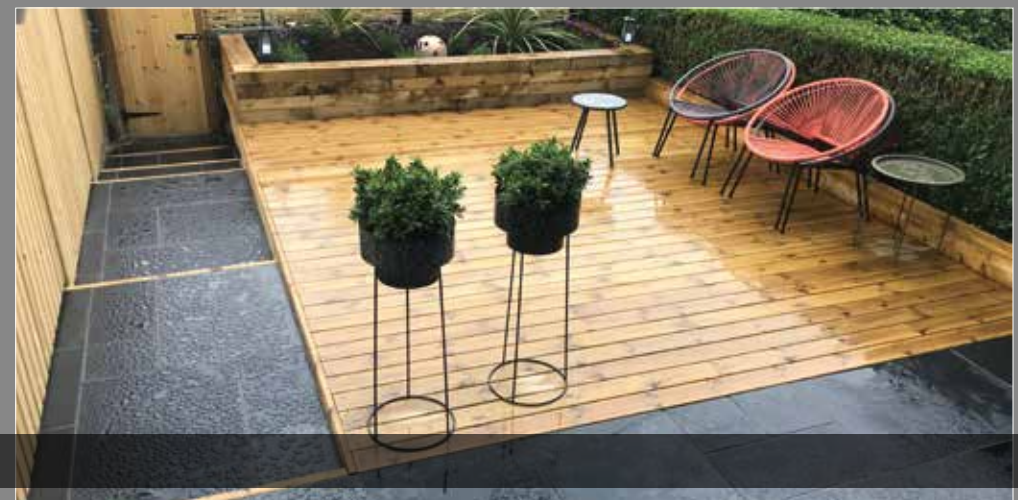
Also part of the cleaning range we have our **Paving & Driveway Cleaner** and the **Porcelain Paving Cleaner** which help restore paving to its former glory.



untreated



od



Application instructions & technical information overview



PaveCare™ PRO-410™ Colour Enhancing Paving Sealer

Professional solvent based penetrating paving sealer and colour enhancer - *matt finish*

PaveCare™ PRO-410™ Colour Enhancing Paving Sealer is a high quality, solvent based surface sealer which has a matt finish and can be applied to all types of natural stone.

It impregnates the stone and protects surfaces from water penetration, staining and the effects of natural weathering whilst remaining breathable. PRO-410™ enhances the natural colours within the stone but does not change the texture of the surface and can be used on virtually all porous surfaces, particularly high quality natural stone.

Suitable for outdoor and indoor use.



Key facts

- Professional grade water repellent for porous natural stone and concrete
- Breathable
- Enhances, seals and protects
- Resists dirt, grime and algae
- Long lasting protection and UV stable
- High surface penetration
- Matt finish and single coat application
- High coverage rate

Order information

Item description:
PRO-410™ Paving Sealer

Pack size: **1L, 5L or 25L**

Box quantity: **12 x 1L or 4 x 5L**

Order codes:
 • 1L: **PRO4101**
 • 5L: **PRO4105**
 • 25L: **PRO41025**

Preparation

Substrates should be sound, clean and free from dirt, dust, oil, etc, and must be totally dry. We recommend thorough cleaning using the PaveCare™ Paving & Driveway Cleaner (see page 42 for more information).

As with all sealants, test on a small inconspicuous area before full application.

Application

PRO-410™ is supplied ready for use and should be applied when the surface temperature of the paving is between 5°C and 25°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, however a second coat will provide increased protection and colour enhancement where necessary. We recommend the second coat being applied 6-8 hours after the first.

Dryness will normally occur within 2 hours with full curing taking up to 24 hours. It is important to protect from rain or other moisture until cured.

All tools/equipment should be thoroughly cleaned after use using a suitable solvent such as white spirit. Waste material should not be emptied into drainage systems.

Coverage

PRO-410™ covers approximately 4.5 - 7m² per litre depending on substrate porosity

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

PLEASE NOTE: 'PRO-410™ Paving Sealer is not designed for porcelain paving.



Handy Hint...

We recommend new paving is left for a minimum of 8 weeks before sealing





PaveCare™ PRO-810™
Invisible Paving Sealer

Professional solvent based impregnating paving sealer - invisible finish

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



Water beading on sandstone treated with PRO-810™ Paving Sealer

Water soaking into untreated stone

Key facts

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

Order information

Item description:
PRO-810™ Paving Sealer

Pack size: **1L, 5L or 25L**

Box quantity: **12 x 1L or 4 x 5L**

Order codes:
 • 1L: **PRO8101**
 • 5L: **PRO8105**
 • 25L: **PRO81025**

Application instructions & technical information overview

Preparation

Substrates should be sound, clean and free from dirt, dust, oil, etc, and must be totally dry. We recommend thorough cleaning using the PaveCare™ Paving & Driveway Cleaner (see page 42 for more information). PRO-810™ Invisible Paving Sealer is designed as an invisible coating but may darken very light surfaces slightly. As with all sealants, test on a small inconspicuous area before full application.

Application

The sealer is supplied ready for use and should be applied when the surface temperature of the paving is between 5°C and 25°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.

All tools/equipment should be thoroughly cleaned after use using a suitable solvent such as white spirit. Waste material should not be emptied into drainage systems.



Coverage

PRO-810™ covers approximately 7 - 12m² per litre depending on substrate porosity

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



Handy Hint...

We recommend new paving is left for a minimum of 8 weeks before sealing

PLEASE NOTE: PRO-810™ Paving Sealer is not designed for porcelain paving.



Professional impregnating paving restorer and sealer - for dark paving

PaveCare™ Black Limestone Restorer is a coloured impregnating sealer designed to permanently rejuvenate and restore the appearance of all types of faded dark paving including limestone, slate and concrete pavers.

The professional grade water-based sealer contains a dark coloured pigment which impregnates into the surface of the natural stone and rejuvenates the natural colour.

Once fully cured, the newly treated surface will also resist dirt, grime and algae.



Key facts

- Coloured impregnating sealer designed to permanently rejuvenate and restore dark paving
- Suitable for all types of faded paving and copings including limestone, slate or concrete
- Ready to use - restores the appearance of dark coloured paving
- Resists dirt, grime and algae
- Seals and protects

Order information

Item description:
PaveCare™ Black Limestone Restorer

Pack size: **1L or 5L**

Box quantity: **12 x 1L,
or 4 x 5L**

Order codes:
• 1L: **BLR1**
• 5L: **BLR5**

Application instructions & technical information overview

Preparation

Paving should be sound, clean and free from dirt, dust, oil etc, and must be totally dry. We recommend thorough cleaning using the PaveCare™ Paving & Driveway Cleaner (see page 42 for more information).

PaveCare™ Black Limestone Restorer is supplied ready for use and should be applied when the surface temperature is between 5°C and 30°C.

Application

Shake the container well before use. Wearing appropriate PPE, apply a small quantity of product to the paving using a foam sealant applicator or soft cloth. For rough or textured surfaces, application can be made by brush or foam roller. Apply a complete, even coat over the whole surface - ensuring any excess is removed.

One coat is usually sufficient for most applications, however a second coat will create a greater depth of colour. Allow the first coat to dry prior to applying a second.

Cure/drying times are dependent on temperature and humidity, but as a guide, can accept foot traffic after 4 hours following final application, and will be fully cured after 24 hours at 20°C. **Allow treated surfaces to cure for 24 hours then rinse with a 1:10 dilution of PaveCare™ Paving & Driveway Cleaner to remove any excess sealer.**

All tools/equipment should be thoroughly cleaned after use. Waste material should not be emptied into drainage systems.



Handy Hint...

Take care to apply in thin even coats and removing any excess. Two thin layers will give better results than a single heavy coat.

Coverage

This product covers approximately 30m² per litre per coat depending on substrate porosity.

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

PLEASE NOTE: PaveCare™ Black Limestone Restorer is not designed for porcelain paving.



**PaveCare™
Paving & Driveway
Cleaner**

Professional strength stone or concrete paving and driveway cleaning concentrate

PaveCare™ 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, brickwork, masonry, garden ornaments and steps. Its invisible repelling barrier also provides long lasting protection to the paving, preventing re-growth of mould, mildew and algae.



Application

Wearing appropriate PPE, dilute 1 part Paving and Driveway Cleaner to 10 parts warm water and apply to the surface of the paving to be treated using a low pressure sprayer or brush. Leave for 15 to 20 minutes* then pressure wash off paving with plenty of cold water. For stubborn stains, apply neat and agitate with a brush before pressure washing the surface.

**Ensure the product does not dry on treated surfaces. Not suitable for use in or around fish ponds or aquariums.*



Key facts

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

Order information

Item description:
Paving & Driveway Cleaner

Pack size: **5L**
Box quantity: **4 x 5L**

Order codes:
• 5L: **NPDC5**



**PaveCare™
Porcelain Paving
Cleaner**

Professional strength porcelain paving cleaning concentrate

PaveCare™ Porcelain Paving Cleaner is a cleaning concentrate specially developed for cleaning porcelain paving. The chemical formulation is suitable for removing oil, grease, rubber marks, mould, mildew, algae and general dirt.

Suitable for internal and external use on porcelain tiles and paving.

Its invisible repelling barrier provides long lasting protection.



Application

Wearing appropriate PPE, dilute 1 part Porcelain Cleaner to 5 parts warm water and apply to the surface of the paving to be treated using a low pressure sprayer or brush. Leave for 15 to 20 minutes* then hose or pressure wash off paving with plenty of cold water. (When using inside, use a wet sponge and clean water to wipe off.) For stubborn stains, apply neat and agitate with a brush before removing from the surface.

**Ensure the product does not dry on treated surfaces. Not suitable for use in or around fish ponds or aquariums.*

Key facts

- High strength cleaning concentrate
- Dilute 1:5 with warm water
- Can be applied neat for stubborn stains
- Long lasting protection
- Suitable for interior or exterior use

Order information

Item description:
Porcelain Cleaner

Pack size: **1L or 5L**
Box quantity: **12 x 1L**
4 x 5L

Order codes:
• 1L: **NPC1**
• 5L: **NPC5**



**PaveCare™
Black Spot & Algae
Remover / Cleaner**

Professional black spot and algae remover

PaveCare™ Black Spot & Algae Remover is a ready to use deep cleaning solution that works on a wide range of outdoor surfaces to remove black spot, lichen, moss and stains from all types of paving.

Ideal for natural stone, concrete and porcelain paving.

Preparation

PaveCare™ Black Spot & Algae Remover can be applied to slightly damp or dry surfaces however should not be applied to saturated paving, or if rain is due within the time period expected to treat the surface.

Do not use in conjunction with acid based removers or cleaners.

Application

Clear the paving area to be treated of any garden furniture or obstacles. Before use, shake the bottle well. Wearing appropriate PPE, apply the neat concentrate directly to the surface to be treated with a plastic watering can or a pressure garden sprayer.

The product will fizz as it starts to work. Leave to absorb for 3 to 4 hours, then hose off thoroughly with clean water. Ensure no-one comes into direct contact with the product until rinsed off the surface. For particularly badly affected areas, a second coat may be required, followed by rinsing with a pressure washer. **This 5L container should treat approximately 25m².**

All tools/equipment should be cleaned after use. Do not allow to come in contact with metal.



Key facts

- Ready to use
- Deep cleaning solution designed to remove black spot, lichen, moss and stains
- Suitable for all types of natural stone, concrete or porcelain paving
- No pressure washing required

Order information

Item description:
Black Spot & Algae Remover

Pack size: **5L**
Box quantity: **4 x 5L**

Order codes:
• 5L: **BSAR5**



ProJoint™

Tools & Accessories

Quality tools and accessories to complete your project!

All **ProJoint™ Tools & Accessories** have been carefully selected and tested before being included in our product ranges. For more information, please ask your local stockist, or visit our website (www.nexuspavingsystems.co.uk).

The products shown below are recommended for use with the ProJoint™ jointing products.

Marker

The Paving & Roof Tile Marker is the perfect addition to any tool box. Each marker provides a visible **2mm line** on almost **any surface**, including: natural stone, concrete, clay-based paving as well as steel or timber - whether it's **wet or dry!** **Available in either white or blue**, the Paving & Roof Tile Marker is ideal for marking up paving slabs or setts for cutting in.



Order information

Item description:
Paving & Roof Tile Marker

Pack size: **10 x white
chalks or
10 x blue
chalks**

Order codes:
• 10 x white: **PC10W**
• 10 x blue: **PC10B**

Item description:
**Deluxe rubber blade
squeegee**

Pack size: **450mm wide
or
600mm wide**

Order codes:
• 450mm: **NPS198**
• 600mm: **NPS199**

Squeegee

The deluxe rubber blade squeegee will ensure the ProJoint™ jointing products are applied to paving efficiently and with a superb finish. **Available in two sizes: 450mm or 600mm wide.**



ProJoint™ V75-WT™ used in a stunning stone labyrinth

Graduate Gardeners of Gloucestershire were involved in designing and creating a stunning country garden. Part of the design was a beautiful labyrinth created using weathered limestone setts.

The time involved in the team sizing and placing each limestone sett to their exacting standards was extensive. The neutral/buff ProJoint™ V75-WT™ was trialled on a test area for saving labour time and aesthetics. Using over 60 kits meant this fabulous feature was jointed far quicker than by using traditional pointing methods, with the added advantage of remaining weed free and frost resistant.

Mark of Graduate Gardeners commented:

"It was the first time that we used ProJoint™ V75-WT™. It was the perfect solution for pointing the labyrinth, quick and easy to use, the lads on site were really impressed. I would thoroughly recommend!"



ProJoint™ V400-WT™ selected for Skelton Lake Service Station - M1 Junction 45

Billed as the 'next generation' service station by Extra MSA Group, the newly opened Skelton Lake Service Station is around 2 miles east of Leeds City Centre at Junction 45 of the M1.

The new £64m development chose ProJoint™ V400-WT™ for jointing the sloping shoulders on the main dual carriageway entrance roads. The shoulders were constructed using black granite setts laid at a gradient to discourage parking. The angle of the gradient meant that flowable cementitious grouts could not be used and ProJoint™ V400-WT™ was trialled and worked perfectly.

The high strength and reliability of the system means that it will withstand HGV traffic



RHS Tatton Park gold medal winning garden features ProJoint™ V75-WT™

We were delighted to congratulate Robin Dwiar and CONCEPT LANDSCAPES on their involvement with the **gold medal winning garden** at RHS Tatton Park.

Within the 'Home from Home' garden, the young designer Robin Dwiar, combined elements of country and city life where the imagined owners have moved from the countryside to an urban area, and want their garden space to include elements of their old and new life.

Concept Landscapes created the delightful garden path to Robin's exacting standards, using over 6000 vertically placed reclaimed tiles. The neutral/buff ProJoint™ V75-WT™ resin grouting was an obvious choice for them to use as it provided an attractive and time efficient resin grout for such an impressive project.



Which product is best for your project?

We have a range of products to suit a variety of applications:



	Pedestrian area	3.5 tonnes Light to medium traffic area (up to 3.5t)	7.5 tonnes Medium to heavy traffic area (up to 7.5t)	40 tonnes Heavy traffic area (up to 40t)	Minimum joint width	Riven natural stone	Honed/sawn natural stone	Concrete paving	Porcelain	? More details on page:
<p>ProJoint™ Contract SBR High Performance SBR</p> <p>For best results, we always recommend using a quality SBR prior to bedding natural stone or concrete slabs or setts and have developed two products that would be suitable for any application.</p>	✓	✓	✓	✓	n/a	✓	✓	✓		26
<p>ProJoint™ Fusion™</p> <p>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 and perfect for DIY use. Increased water tolerance allows use in damp conditions. <i>Part of our standard range</i></p>	✓				3mm	✓	✓	✓		6
<p>ProJoint™ MAX™</p> <p>A high strength epoxy paving grout suitable for vehicles up to 3.5 tonnes. Part mixed components for fast application - all supplied in its own mixing tub. Increased water tolerance allows use in damp conditions. <i>Part of our standard range</i></p>	✓	✓			5mm	✓	✓	✓		10
<p>ProJoint™ V75-WT™</p> <p>A two part epoxy resin system applied as a slurry to dampened paving. High cure strength means that it is suitable for areas of vehicular traffic up to 7.5 tonnes. Increased water tolerance allows use in damp conditions. <i>Part of our professional range</i></p>	✓	✓	✓		5mm	✓		✓		14
<p>ProJoint™ V400-WT™</p> <p>Very similar to ProJoint™ V75-WT™, but ProJoint™ V400-WT™ offers the ultimate strength system as the ultra high cure strength is ideal for vehicle traffic up to 40 tonnes. Increased water tolerance allows use in damp conditions. <i>Part of our professional range</i></p>	✓	✓	✓	✓	5mm	✓		✓		18
<p>ProJoint™ V35-UV™</p> <p>A very advanced but easy to use system which is designed for sensitive stone. A single part PU resin system, V35-UV is 100% UV stable and offers a long workability time which is suitable for narrow joints and hot weather. Suitable for areas of vehicle traffic up to 3.5 tonnes. <i>Part of our specialist range</i></p>	✓	✓			5mm	✓	✓	✓		22
<p>ProJoint™ PORCELAIN™</p> <p>A specially formulated primer and grout for porcelain paving. ProJoint Porcelain Grout has been developed for widths of 2-20mm and is ideal for internal and external use. <i>Part of our specialist range</i></p>	✓	✓			2mm				✓	28
<p>PaveCare™ PRO-410™ Colour Enhancing Paving Sealer</p> <p>PaveCare™ PRO-810™ Invisible Paving Sealer</p> <p>Professional solvent based penetrating and surface impregnating paving sealers - choose PRO-410 (a colour enhancer with a mat finish) or PRO-810 (an invisible finish) <i>Part of our PaveCare™ range</i></p>	✓	✓	✓	✓	n/a	✓	✓	✓		36
<p>PaveCare™ Black Limestone Restorer & Dark Stone Coloured Sealer</p> <p>Black limestone restorer - ideal for all types of faded dark natural and artificial stone including limestone, marble, slate and concrete pavers. <i>Part of our PaveCare™ range</i></p>	✓	✓	✓	✓	n/a	✓	✓	✓		40
<p>PaveCare™ Paving & Driveway Cleaner</p> <p>Professional strength paving and driveway cleaning concentrate for use on stone or concrete paving. <i>Part of our PaveCare™ range</i></p>	✓	✓	✓	✓	n/a	✓	✓	✓		42
<p>PaveCare™ Porcelain Paving Cleaner</p> <p>Professional strength cleaning concentrate for porcelain paving. <i>Part of our PaveCare™ range</i></p>					n/a				✓	43
<p>PaveCare™ Black Spot & Algae Remover / Cleaner</p> <p>Professional black spot and algae remover - for use in removing black spot, lichen, moss and stains from all types of paving (natural stone, concrete or porcelain). <i>Part of our PaveCare™ range</i></p>	✓	✓	✓	✓	n/a	✓	✓	✓	✓	44

Website



www.nexuspavingsystems.co.uk displays information about all our products together with easily **downloadable preparation and application instructions**, case studies, recommendations and a stockist locator.



The **online consumption calculator** is a fantastic tool for estimating how many tubs or kits of any ProJoint™ jointing or porcelain products are needed for a project. This is particularly useful for assisting contractors when quoting on jobs.

To try it for yourself, please visit www.nexuspavingsystems.co.uk/calculator or scan this QR code.

Social media



Why not like and follow our pages to keep up to date on our regular handy hints and tips as well as product news and announcements?

Technical

Our technical department can offer a comprehensive service to stockists, specifiers and contractors. Technical representatives are available throughout the UK to supply further information, and arrange product demonstrations for specific projects.

Where to buy



The ProJoint™ range of Nexus Paving Systems' products only available through our a network of stockists and distributors across the UK & Ireland.

To find your closest reseller or stockist, please visit www.nexuspavingsystems.co.uk/stockists or call our customer service team on 01937 858000.



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PAVING SYSTEMS


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