



## ProJoint™ V400-WT™

### Increased strength 2-part epoxy resin mortar system - suitable for vehicles 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. It has increased water tolerance to give the great advantage of enabling use in damp weather and light rain. Its ultra high strength 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



- Two part resin based mortar system, cement free
- Heavy traffic loads up to 40 tonnes, ideal for high traffic areas and roadways
- Self compacting so 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™**

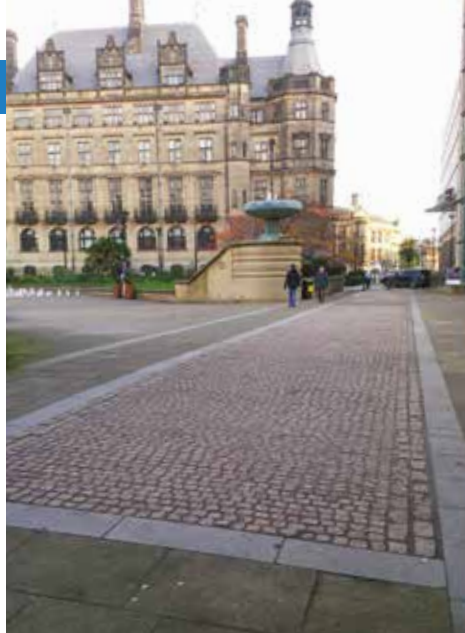
Pack size: **27kg**

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 in the Leeds M1 Skelton Lake motorway services



⤴ ProJoint™ V400-WT (black) in Sheffield City Centre



⤴ ProJoint™ V400-WT (mid grey) on York stone setts



<< ProJoint™ V400-WT (mid grey) used this cobble slipway in San Sebastián (see more details about the project on page 47)



## 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 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 a mixing vessel, 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 2 x resin containers and 1 x 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.

ProJoint™ V400-WT™ 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 therefore 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.
- 10 Using a **wet medium soft brush** at 45° to joints to 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 additional 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 if necessary, once the mortar has begun to cure, to achieve a traditional finish.

*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 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 can accept foot traffic after 12 hours and vehicle traffic after 24 hours. Please note that cold temperatures can delay the curing time.*

**coverage**

Approx coverage per 27kg kit:

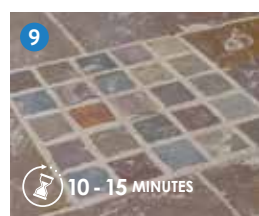
Joint size	600 x 600mm slabs	Four size Indian (600mm series)	100 x 100mm setts
5mm x 25mm	45m <sup>2</sup>	39m <sup>2</sup>	8m <sup>2</sup>
10mm x 25mm	22.5m <sup>2</sup>	19.5m <sup>2</sup>	4m <sup>2</sup>
15mm x 25mm	15m <sup>2</sup>	13m <sup>2</sup>	2.67m <sup>2</sup>

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.



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