

Pavetuf

Jointing Mortar



Jointing Mortar

Guide to the Use & Installation

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MIXES QUICKLY ON SITE



JOINT WIDTHS FROM 5 - 50mm
JOINT DEPTHS OF UP TO 200mm



WALK ON WITHIN 1 HOUR



DRIVE ON WITHIN 4 HOURS



COMPRESSIVE STRENGTH 49.6N/mm²



LOW SHRINKAGE



FROST RESISTANT

Welcome

Jointing Mortar is a professional, rapid setting mortar which provides a contemporary and effective finish to paved areas. The product can be used on natural stone, concrete paving, terracotta, clay and porcelain that is laid on a full bed of mortar and should only be used with a bound/rigid construction. It is suitable for both patios and driveways. This is a dry, pre-mixed pack only requiring the addition of water. It can fill joint widths from 5mm - 50mm and joint depths up to 200mm. Paving should not be laid or jointed if the temperature is below 5°C and falling. Temperatures above 3°C and rising, is appropriate. The surface of the paving or substrate should not be frozen before jointing and fresh joints should be protected from inclement weather until sufficient strength is achieved for damage not to occur.

This Jointing Mortar achieves a final compressive strength of 49.5N/mm². It allows early trafficking, accepting light foot traffic after just 1-2 hour and vehicular traffic after 4-6 hours at 20°C air temperature.



Installation Guide

Recommendations & Precautions

- This is a professional product and requires a minimum of 2 people.
- Leaving residue or dirty water on top of the paving could cause stains that may not be removable.
- Wash all tools after use.
- Mix a maximum of 2 tubs at a time as workability is around 15 minutes at 20°C.
- Higher temperatures reduce working times.
- Never re-mix.
- Wear protective clothing.
- Avoid skin and eye contact - wet cement can burn the skin, gloves and eye protection are recommended.
- Only use between 3°C and 25°C surface and air temperature.
- Only use with a bound/rigid construction.

Workability & Suitable Weather

- Approx. 15 minutes at 20°C surface and air temperature, higher temperatures reduce working times.
- We recommend not to use on very hot days as the paving and water will dry quicker, making this application a more difficult task and increase the chance of irreparable staining.
- This product can be applied during light rain, but avoid heavy rain as this can wash away the product before it fully sets.

Equipment You May Need:

- | | |
|---|---------------------------------------|
| • Mixing bucket x2 | • Modelling clay, firm mortar or sand |
| • Squeegee | • Plastic bags |
| • Sweeping brush | • Measuring jugs |
| • Paddle mixer | • 2 people to conduct the jointing |
| • Water supply, hose pipe and low pressure jet wash | |

Coverage

Coverage will vary subject to the size of the paving, joint widths and joint depths. As a guide you will achieve:

- 7m² based upon 500mmx500mm pavers, with a joint width of 10mm and a joint depth of 30mm.
- 8.5m² based upon 400mmx400mm pavers, with a joint width of 10mm and a joint depth of 20mm.
- 8.5m² based upon 600mmx600mm pavers, with a joint width of 10mm and a joint depth of 30mm.
- 10.5m² based upon 500mmx500mm pavers, with a joint width of 10mm and a joint depth of 20mm.
- 12.5m² based upon 600mmx600mm pavers, with a joint width of 10mm and a joint depth of 20mm.

Storage

Store unopened in a cool dry location away from extremes of temperature. When used within 12 months of the manufacture date, the activity of the reducing agent will be maintained and this product will contain, when mixed with water, no more than 0.0002% (2ppm soluble Chromium (VI) of the total dry weight of the cement.

Health & Safety

Wear protective clothing and work in well-ventilated conditions. Avoid skin and eye contact - wet cement can burn the skin. If product enters the eyes, wash thoroughly with water and seek medical advice.

It is your responsibility to ensure that you comply with all applicable health and safety legislation and guidelines.



DANGER

www.pavetuf.com

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Preparation



Ensure the area is clean and free from debris, oil, and grease.



Blank off any open ended joints with modelling clay, or a firm mortar or sand.



Cover any drains to prevent any mortar from getting into them, you can use plastic bags and duct tape.



Plan the direction that you wish to brush off the excess mortar and ensure it has somewhere safe and practical to go - as any residue will set hard, could stain and cause problems if it goes into drains or similar.



Thoroughly saturate the paving and joints before application, any standing water should be brushed away.

Mixing



Add 2.5 litres of water to a mixing bucket.



Pour the contents of the tub into the bucket. Use no more than 2 tubs at once.



Mix for 3 minutes using a paddle mixer.



A fluid smooth lump free consistency needs to be achieved.

Application



Pour the Jointing Mortar onto the pre-soaked paved area. Using a squeegee, work the slurry into the joints.



Ensure the paved area is kept completely wet throughout, until the entire area has been jointed and the joints have set firm. We suggest you mist the water on to the surface using a low pressure jet wash, pointing the lance along or upwards from the paving, never directly onto it.

Tip: Have 1 person to pour and squeegee/sweep the Jointing Mortar into the joints whilst the second person keeps misting the paving with water.

Application (Continued)



Ensure the joints are completely filled.



Using the rubber squeegee remove as much mortar as possible from the paved surface, whilst ensuring that all joints remain filled. Don't let the residue on the surface go matt, keep the area moist.



While waiting for the Jointing Mortar to firm up, which takes approximately 15 minutes at 20°C surface and air temperature, the area and joints must be kept wet. Mist water on the surface using a low-pressure jet wash, pointing the lance along or upwards from the paving never directly on to it. Take care not to wash out the material in the joints.

IMPORTANT: Washing the area too early before the Jointing Mortar has not firmed up and over watering the area can lead to discolouration. Ensure that all the residue is off the surface as once set this will be difficult to remove and may stain. Extra care should be taken when the temperature is higher as the working time will reduce.

When the joints are hard to the finger press, remove the water residue by using the jet washer lightly, at 45 degrees. Be careful to not remove any mortar from the joints.

Tip: Use the squeegee and jet wash together.



Repeat the last step until the water that runs off the surface of the paving is completely clean and clear – indicating that there is no mortar residue remaining on the surface of the paved area.



Clean all equipment after use to prevent the mortar from setting hard on them.



Cleaning

Pavetuf Jointing Mortar should only be cleaned after it has fully cured. To remove a build-up of surface dirt and debris, the area can be cleaned using one of the Pavetuf Cleaner range products. Pavetuf Deep Cleaner or General Cleaner are recommended dependent on the amount of soiling.

Pavetuf Green-Off is recommend for the easy removal of areas that have a moss, algae and other organic growth. Visit www.pavetuf.com for further information.



Pavetuf Sealers & Cleaners



Invisible: Easy to apply, invisible sealer for long lasting protection. Available in a 1ltr and 5ltr tub.

Satin: Easy to apply sealer, for long lasting protection with a satin finish. Available in a 1ltr and 5ltr tub.

Invisible Ultra: Professional deep penetrating invisible sealer giving the highest level of protection and superior stain resistance. Available in a 1ltr and 2.5ltr tub.

Satin Ultra: Professional deep penetrating satin sealer giving the highest level of protection and long lasting stain resistance. Available in a 1ltr and 2.5ltr tub.

Back to Black: A colour reviving sealer to restore black stones and granites. Available in a 1ltr and 5ltr tub.

Features								Use on these materials					Look				
Environmentally friendly	Colour Enhancing	Waterproofing	Breathable	Superior stain resistance	Stain resistance	Superior scrub rate	UV stable	Use straight after installation	Black slates, granites & limestones	Slate & limestone	All other natural porous products & stone	Masonry	Brickwork	Concrete paving	Tarmac	Invisible finish	Satin finish
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The Ultra product options provide our highest level of sealant protection, with superior stain repellent properties that allow for a longer period of time before any spillages will soak into and stain the paving. This gives Homeowners more time before they need to clean any spillages.



Deep Cleaner*: A deep penetrating cleaner for the easy removal of heavy soiling from all hard landscaping areas.

Resin Bound Cleaner: A powerful heavy duty cleaner for resin bound aggregate surfaces.

Green Off Cleaner: For the removal of algae, moss, leaf staining and organic growths from all hard landscaping areas.

Wood Deck Cleaner: Effective for the removal of organic growths and staining from wooden decking.

UPVC & Fascia Cleaner: An effective UPVC cleaner for the removal of organic growths and staining.

Wall & Render Cleaner: A non-corrosive cleaner for the removal of organic growths and staining for brick and rendered walls.

Composite Cleaner: A concentrated acid free cleaner for use on composite decking, fencing and doors.

General Cleaner*: A general cleaner for regular maintenance on all hard landscaping areas.

Rust Remover: An effective, non-corrosive rust stain remover for hard landscaping products.

Salt Eraser: For the removal of efflorescence/salt from the surfaces of paths, drives and patios.

Porcelain Cleaner*: A concentrated porcelain and ceramic cleaner for internal and external use.

Sealer Remover: Easy to use sealer remover for use on solvent and polymer based sealers, paints and varnishes.

Stains that each cleaner removes												Size options		
Algae, moss, mildew, fungi	Black & white spot lichens	Heavy soiling	Light soiling	Grease & oil*	Leaf & plant staining	Bird droppings	Efflorescence/salts	Rust/iron ore	Solvent sealers/paints/varnish	Mud	Atmospheric pollution	BBQ grease, oily food stains*	1 litre	5 litre
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*Can be used internally as well as externally

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