

EASYJoint

The original all-weather sweep-in jointing compound

(All colours including the *EASYJoint Select* range)

EASYJoint is a unique ready-to-use air-curing jointing compound for most types of paving having joints of 3mm and over. *EASYJoint* is a quick and easy way to apply a permanent joint with no special machinery or equipment required. *EASYJoint* is suitable for natural stone, porcelain, concrete, slate, slate, terracotta and granite.

Features & Benefits

- Supplied ready to use, no mixing required
- Can be applied in virtually all-weather conditions
- Unlimited shelf life
- Unused product can be kept for future use
- Simply brush into joints and compact with water¹
- Eco friendly - the product contains natural ingredients found in nature, such as plant oils and extracts
- Packaging 100% recyclable
- Non staining. Sets hard, will not crack or wash out²
- Resists weeds and plant growth
- Totally weatherproof, unaffected by frost
- For all joints of 3mm wide and over
- Water permeable, allows water to escape

Areas for use

- Footpaths
- Patio areas
- Indoor stone floor areas (sealing will be required as the product is permeable)
- Pedestrian areas
- Not suitable for driveways. We recommend *EASYJoint PRO*³

Limitations

- Do not use on joints narrower than 3mm
- Joint depths
 - For thin paving (20 - 24mm) Only suitable for this type of paving if the material is laid and securely fixed onto a solid (bound) sub-base. The joint must be filled to just below the paving surface
 - For regular paving (25mm and greater) Fill to at least 25mm, keeping the filler to just below the paving surface
- *EASYJoint* will not add to the integrity of the paving project and should not be relied upon to form any element of the structural makeup of the project
- The jointing should not be cleaned by use of high-pressure washers until cured for at least 14 days. The distance between nozzle and jointing must be at least 150mm
- Always follow the manufacturer's instructions carefully. As the company cannot be aware of all the applications and materials the product may be used on, it is the user's responsibility to determine suitability for use

Surface preparation

Ensure that the paving to be jointed is clean and free from loose dirt, oil, debris and grease etc.

APPLICATION

EASYJoint is supplied ready to use and does not require any further mixing or addition of other materials. There are two methods of laying *EASYJoint*.



Method 1 - WET APPLICATION METHOD

(Recommended)

Note: Whilst this is the preferred method of application it should not be used when ground temperatures are at or below zero °C. Use the second method described further on in this section.

1. **Thoroughly wet the area to be jointed - the wetter the better.** Do not worry about water lying in the joints - it will be displaced by the *EASYJoint* as it is applied.
2. Cut open the vacuum-packed bag and sprinkle about half the contents over the area to be jointed. If you find any soft lumps of compound in the bag, simply break them down using the broom. Hardened product should be discarded. It is recommended to soak the compound at this stage. Using a soft brush or squeegee, push the *EASYJoint* into the joints ensuring they are filled with the material.
3. Flush the compound into the joints with water using a hose on a spray setting. This compacts the compound into the joint ensuring the gap is completely filled. It also aids cleaning the surface.
4. Top up any sagging joints with more *EASYJoint*. Re-flush with water, as before.
5. Repeat until the whole paving area is complete.
6. To finish off, again gently spray the paving as a final compacting and cleaning process.
7. Allow all the water to drain away and the paving to dry out.
8. For a smoother finish to the joint, once the paving is dry - "point" the joint with a suitable jointing iron or trowel.
9. There is no need to protect treated joints from rain or frost whilst setting although the presence of rain will delay the setting process. *EASYJoint* only cures when it is dry - therefore rain will slow down the process. If heavy rain has occurred when the joints have been pointed, then it may be necessary to re-visit the job once the weather has cleared to touch up any damaged joints.
10. Any residue left on the surface when cured can be simply cleaned off by sweeping with a stiff brush diagonally to the joint.

More information on the installation process is available on the website - azpects.co.uk

Footnote:

¹ **Working with Porcelain Paving.** The same rules apply when working with porcelain paving tiles as with working with stone or concrete. The base on which the porcelain is laid **must be permeable**. If the base is non-permeable then ***EASYJoint Pro*** or ***EASYGrout*** should be used. See the Azpects website for more information.

Less water is needed when applying *EASYJoint* to porcelain paving as there is little risk of residue staining however, users will find that a small amount of water, added to form it into a slurry, will make it easier for the operator to fill the joints properly. When applying to porcelain, to ensure an effective joint, the operator **MUST** iron the joint to further aid compaction of the compound.

Note on Compaction. Whilst not a necessity, a stronger, smoother and more durable joint is achieved if the product is compacted. Compaction forces out air and water which helps the joint harden quicker.

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APPLICATION

Method 2 - DRY APPLICATION METHOD

(For use when applying in temperatures at or below freezing)

- Do not wet the surface.** The freezing temperatures may cause ice to form in the joints thereby stopping the compound fully settling into the joint.
- To prevent possible marking, the paving should be sealed, preferably before installation, ensuring both the surface and the edges of the paving are protected, using a good quality breathable water based sealer. We suggest the use of *EASYSeal Ultimate*.
- Cut open the vacuum-packed bag and sprinkle about half the contents over the area to be jointed. Using a soft brush, push the *EASYJoint* into the joints ensuring they are filled with the material. The joint must be compacted by using a pointing iron or similar tool. It is important that the joints are fully filled.
- Repeat until the whole paving area is complete.
- For a smoother finish to the joint, "point" the joint with a suitable jointing iron or trowel.
- There is no need to protect treated joints from rain or frost once the product is in the joint. However, as with the Wet Method, rain and cold weather will delay the setting process. *EASYJoint* only cures when it is dry - therefore rain will slow down the process.
- Any residue left on the surface when cured can be simply cleaned off by sweeping with a stiff brush diagonally to the joint.

More information and a video of the process are available on the website azpects.co.uk

Setting times

The times indicated are based on temperatures of 20°C and 65% humidity - cold/wet weather increases the setting times - warm/dry weather decreases them. Read on for a greater understanding.

EASYJoint is a compound that is oxygen cured. It therefore needs air to start and complete the setting process. Inclement weather conditions will not prevent the use or application of *EASYJoint* but, it will affect the time it takes for the compound to cure and set hard.

Cold conditions can increase the setting time considerably - freezing weather will cause the process to slow down and it can take many days for the joints to set hard. Whilst it may be slow in setting, it will eventually go hard and the cold weather and frost will not have impaired its qualities in any way.

Similarly, whilst *EASYJoint* is wet, either through rainfall or the application of water whilst laying it, the setting process will be suspended. Prolonged periods of rain, or several intermittent showers may considerably extend the setting times indicated. But again, whilst it may slow the setting process, it will eventually set hard and the rain will not have impaired its qualities in any way.

To summarise, in temperatures of 20°C and with humidity of 65%, the joint needs to be free from water for about 24 hours for the curing process to complete.

In warm and dry weather as indicated, pedestrian areas are safe to walk on after approximately 12 - 18 hours and will set hard after approximately 24 hours. It will be fully load bearing after approximately 3 days of consistent warm and dry weather.

Note: *EASYJoint* continues to harden for several weeks and achieves its full strength after about 3 to 4 weeks.

Usage precautions

EASYJoint may leave an oil residue over the paving if the surface is not sufficiently washed over in the final stages of application. In virtually all instances, this temporary marking will fade away with natural weathering and use, although no guarantees of this are given or implied. If in any doubt test a sample before use.

When working with natural stone, particularly granite, smooth sandstone and some darker coloured materials such as black limestone, the residue may be particularly pronounced and may take much longer to fade. It is also possible for particularly absorbent materials to absorb the oils and change in colour (deepen). In such circumstances the colour change may be permanent although it normally "softens" over time.

To minimise any chance of marking when working with sensitive paving, it is recommended that it is sealed, preferably before installation, ensuring both the surface and the edges of the paving are protected, using a good quality, breathable water-based sealer. We suggest the use of *EASYSeal Ultimate*.

No guarantees in this respect are given or implied. If in any doubt test a sample before use.

The liberal application of water prior to and during the application period will minimise (and in most cases eliminate) the affects previously described.

COVERAGE

(The figures given below are approximate quantities required)

Paving Size (mm)	Joint Size 30 x 5 (mm)	Joint Size 30 x 8 (mm)
600 x 600	13 - 14 Kg/m ²	8.25 - 9 Kg/m ²
600 x 450	11.25 - 12 Kg/m ²	6.75 - 7.25 Kg/m ²
450 x 450	9.75 - 10.5 Kg/m ²	5.75 - 6.25 Kg/m ²
600 x 300	9 - 9.75 Kg/m ²	5.25 - 5.75 Kg/m ²
450 x 300	7.75 - 8.25 Kg/m ²	4.75 - 5.25 Kg/m ²
450 x 225	6.5 - 7.25 Kg/m ²	4 - 4.5 Kg/m ²
300 x 300	6.5 - 7.25 Kg/m ²	4 - 4.5 Kg/m ²
225 x 225	4.75 - 5.5 Kg/m ²	3 - 3.5 Kg/m ²

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SPECIFIC DATA

Material	Ready to use kiln dried quartz sand, suspended in plant oils and organically prepared on the basis of soaked liquid polybutadiene
Density (approx)	1.80 g/cm ³
EASYJoint Colours	<ul style="list-style-type: none"> • Buff Sand • Mushroom • Stone Grey • Basalt
EASYJoint Select Colours	<ul style="list-style-type: none"> • Jet Black • Carbon • Tungsten • Bronze
Storage	See Storage section opposite
Packaging	12.5kg vacuum packed and hermetically sealed contained with a robust sealed bucket
Joint width	Minimum 3mm
Min joint depth with foot traffic	Minimum 20mm
Working temperature	0 to +40 °C* *Can be used at sub 0° but only as a dry application - see Application section above
Workability duration	Approx 30 - 45 minutes @ 20°C. Higher temperatures reduce working times. Workability time increases further if applied wet - as long as the compound is saturated it will remain workable.

COMPRESSIVE / FLEXURAL STRENGTH

Time after curing	Flexural Strength N/mm ²	Compressive Strength N/mm ²	Elasticity N/mm ²
14 days	6.4	15	-
21 days	7.7	17.5	3.84



Health & Safety

IF IN EYES: Bathe the eye with running water for 15 minutes. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention. Remove contact lenses if possible and safe to do so.

Storage

It is always preferable to store in a cool dry place, however, the material is not damaged by frost or exposure to cold/wet conditions. It is advisable to keep the product protected from high summer temperatures. Protect packaging from punctures or piercings. Any exposure to air will start the curing process.

Shelf life

Unused but opened product can be stored in the tub if covered with at least 50mm of clean water.

- MSDS sheet available by emailing info@azpects.co.uk

Footnotes:

² Providing installation guidelines are followed.

³ EASYJoint PRO is a two-part epoxy resin and sand product which is designed for vehicular areas and areas those with poor drainage or constant water flushing such as swimming pool surrounds.