



# GravelHold

POUR-ON GRAVEL BINDING RESIN



# ABOUT GRAVELHOLD

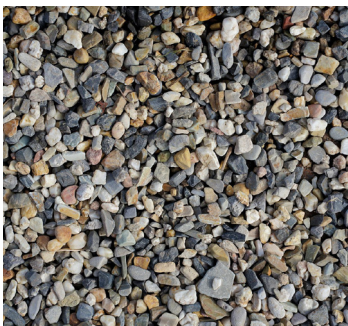
GravelHold is a simple yet effective polyurethane solution for binding together loose gravel. For stronger bonding with higher tolerance to contaminants and the ability to be applied at lower temperatures whilst also drying quicker than water-based binders, look no further than our outstanding GravelHold.

Thanks to its high resin content, you can rest assured GravelHold will outperform any water-based loose gravel binders. Perfect for creating durable, UV stable, permeable & SUDs compliant surfaces for a wide range of applications around your outdoor spaces. Our binder is usually not affected if there is rain after installation. The system will achieve its initial strength after 24 hours and be at full strength after 7 days.

GravelHold can be used with both new and existing gravel up to 20mm in diameter to create a solid surface. Depending on the purpose of the gravel area, you will require a certain application method which we will cover later on in the guide.

## Product features:

- Supplied in 5 litre tubs,
- Suitable for loose gravel from 3mm to 20mm in diameter,
- Can be applied via pouring, spraying or mixing,
- Coverage from 8m<sup>2</sup> to 14m<sup>2</sup> dependent on the aggregate, depth & application method,
- Drying time is approximately 8 hours at 15°C,
- Minimum installation temperature of 5°C,
- Rain after application won't cause failure on free draining surfaces, unlike with water-based binders,
- Gravel will typically only require one coat,
- A 2 year guarantee.



# BASE PREPARATIONS

GravelHold is able to be applied to any free draining base which includes soil or compacted type one sub-bases.

When it comes to deciding which base is suitable for your application, it is best to take into consideration how the finished surface will be used from day to day.

For example, if the area will not be experiencing any foot traffic then the sub-base will not require an structural strength. However, if the finished surface will be walked on, you should always ensure that the sub-base is strong enough to support weight without the risk of movement or the sub-base collapsing.

When deciding what base is best for your application you need to take into consideration how the finished surface will be used.



Depending on how your surface will be used dictates the most suitable application method. It is important that you choose a sufficient coating method as without the correct coverage, your surface may begin to fail if it experiences heavier than expected foot traffic.

There are three application techniques, Pour-On, Spray-On & Hand Mix. How you plan to use the gravel surface will determine the most appropriate application. Here are the most common gravel uses and the recommended techniques to help you decide the best solution for your upcoming project:

- *Decorative gravel in plant pots, containers, bordering fences or houses. These would be classed as non-foot traffic areas and any of the three techniques can be used to apply GravelHold.*
- *Gravel in borders, along the sides of paths or around slabs. As these areas will receive occasional foot traffic, we would recommend applying GravelHold using the spray on or hand mix method.*
- *Gravel footpaths, around slabs and dustbin store areas. These are likely to receive regular foot traffic the hand mix and trowel method will achieve the best results.*

You can learn more about the application processes below and the requirements of each method:

## POUR ON METHOD - Decorative Gravel

GravelHold can be poured from a watering can, using around 1 litre per square metre.

Ensure stones are evenly coated for best performance. A sprinkler rose should be used for even distribution.

If desired, 3mm diameter holes may be drilled into the lid of the GravelHold container to create a sprinkler effect and used instead of a watering can.



## SPRAY ON METHOD - Occasional Foot Traffic

For a more controlled application and better yield, a pressurised sprayer can be used instead of a watering can.

If using a pressurised sprayer, evenly coat stones at a rate of approximately 0.5 litres per square metre, avoiding run-off.

Sprayers can be flushed with white spirit between GravelHold uses to remove any residue and prevent the binder from curing inside pipes or tanks.



## HAND MIX METHOD - Regular Foot Traffic

Shovel gravel in to a durable bucket or trug and add GravelHold slowly, mixing with a clean garden trowel or fork.

Once the gravel appears to be evenly coated, decant the gravel to the desired area, smoothing slightly with a plastering trowel for an even finish.

This process can be repeated, reusing any excess GravelHold left between mixes, adding more as needed.



# SAFETY INFORMATION

## PRECAUTIONARY STATEMENTS:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid breathing dust/fumes/gas/mist/vapours/spray. Wear respiratory protection.

## IF INHALED:

Remove affected person to fresh air and keep comfortable for breathing. Call a POISON CENTRE or DOCTOR. If experiencing respiratory symptoms: Call a POISON CENTRE or DOCTOR. Take off contaminated clothing and wash it before reuse.

## IN CASE OF FIRE:

Use dry sand, dry chemical or alcohol-resistant foam to extinguish. Store in a well-ventilated place away from heat sources. Keep container tightly closed.

## SUPPLEMENTAL HAZARD STATEMENTS:

Contains isocyanates. May produce an allergic reaction.

## HAZARD STATEMENTS:

Flammable liquid and vapour. Harmful in contact with skin. Causes skin irritation. Toxic if inhaled. May cause allergy, asthma symptoms or breathing difficulties if inhaled.

If you have allergies to acetone do not open this product.

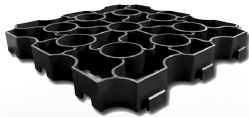
Please ensure you wear protective gloves.

Should GravelHold come into contact with any skin, wash off with warm soapy water.

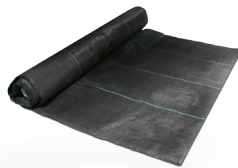
If you experience any irritation, seek medical attention immediately.



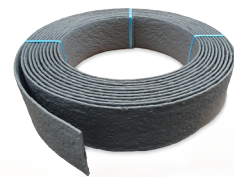
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