INFINITY EFFECTS

SURFACES FOR A BETTER TOMORROW

INNOVATIVE
DURABLE
BEAUTIFUL
SUSTAINABLE



ROX RESIN-BOUND

DECORATIVE DRIVE SYSTEM

FULL SuDS-COMPLIANT INSTALLATION GUIDE

System 2 | Full permeable build-up from sub-soil

POLYURETHANE SYSTEM

A premium, UV-stable and fully permeable resin-bound aggregate system designed for driveways, parking areas, footpaths, patios and commercial entrances.

VEHICLE GRADE

UV RESISTANT

DURABLE & ANTI-SLIP

DECORATIVE FINISH

Driveways | Parking Bays | Footpaths | Patios | Commercial Entrances

A RANGE OF NATURAL STONE BLENDS AVAILABLE

SCAN FOR LATEST TDS, SDS & SUPPORT

CERTIFIED INSTALLERS

WARRANTIED SYSTEM

SUSTAINABLE SURFACES

GLOBAL SUPPLY

BUILT FOR A BRIGHTER TOMORROW

Warrantied when installed by an Infinity Certified Installer, subject to system requirements.



System Overview

Infinity Effects ROX Resin-Bound Decorative Drive System (System 2) is a fully permeable, SuDS-compliant surfacing system designed from **the sub-soil upwards**. The system combines a Type 3 permeable sub-base, angular stone capping layer, Infinity SRM reinforcement, ROX Base Binder and a UV-stable ROX resin-bound decorative finish.

Designed for domestic driveways, commercial areas, car parks, footpaths, patios and all pedestrian and vehicle traffic areas, providing a durable, permeable, UV-resistant and anti-slip decorative finish.

DESIGNED FOR

Domestic driveways, commercial areas, parking bays, footpaths, patios and vehicle traffic areas. A fully permeable system that manages surface water naturally while delivering a long-lasting, decorative and durable finish.

Critical Installation Parameters

GET IT RIGHT
FOR A LONGER LASTING FINISH

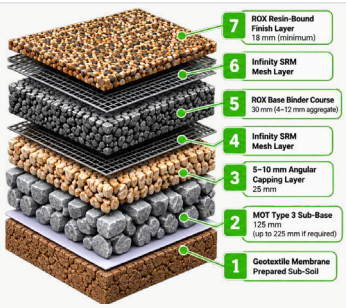
Sub-soil condition	Stable and suitably prepared, free from organic material and capable of drainage.
Geotextile membrane	Use a permeable geotextile membrane.
Sub-base (Type 3)	MOT Type 3, well compacted.
Type 3 depth (standard)	125 mm.
Type 3 depth (where required)	Up to 225 mm if there are concerns about the permeability of the sub-soil.
Capping layer	25 mm of 5-10 mm angular stone, well compacted.
Reinforcement	Infinity SRM Mesh (two layers).
Base aggregate	2-6 mm or 4-12 mm (kiln-dried).
Base binder ratio	4% ROX Base Binder to aggregate (e.g. 4-5 kg per 100 kg aggregate).
Decorative aggregate	Kiln-dried only.
Mixer	120 L or larger forced-action resin-bound mixer. Do not use a cement mixer.
Minimum install temperature	Do not install below 5°C (Recommended).
Maximum install temperature	30°C (Recommended).
Warranty	Yes - when installed by an Infinity Certified Installer and in accordance with system requirements.

System Build-Up Options

TWO SOLUTIONS
FOR EVERY PROJECT

DOMESTIC / LIGHT VEHICLE

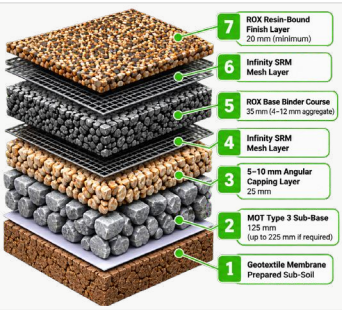
Recommended Build-Up



Minimum total build-up (standard 125 mm Type 3): 173 mm
(up to 273 mm where 225 mm Type 3 is required)

COMMERCIAL / HEAVY VEHICLE

Recommended Build-Up



Minimum total build-up (standard 125 mm Type 3): 180 mm
(up to 280 mm where 225 mm Type 3 is required)



System Build-Up Options

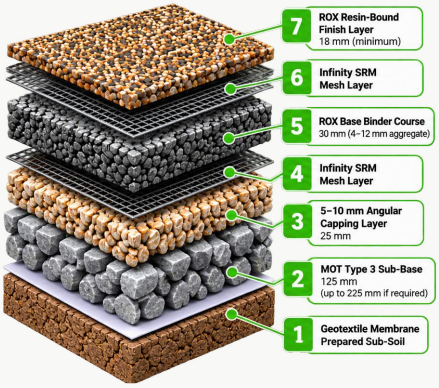
Choose the Correct Build-Up

The Infinity Effects ROX Resin-Bound Decorative Drive System is available in two specification build-ups to suit different levels of vehicle loading. Both systems are fully permeable and SuDS-compliant, designed from the sub-soil upwards to deliver a durable, attractive and long-lasting surface.

SAME PRINCIPLES.
TWO SOLUTIONS.
A STRONGER,
GREENER TOMORROW.

DOMESTIC / LIGHT VEHICLE

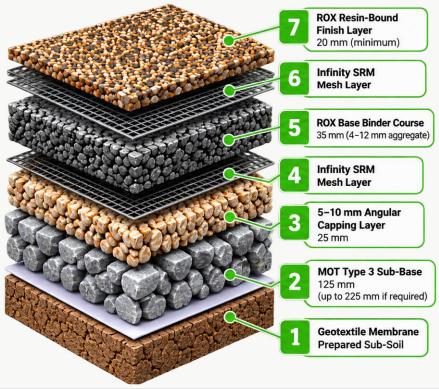
Recommended Build-Up



Minimum total build-up (standard 125 mm Type 3): 173 mm
(up to 273 mm where 225 mm Type 3 is required)

COMMERCIAL / HEAVY VEHICLE

Recommended Build-Up



Minimum total build-up (standard 125 mm Type 3): 180 mm
(up to 280 mm where 225 mm Type 3 is required)

DOMESTIC / LIGHT VEHICLE SPECIFICATION

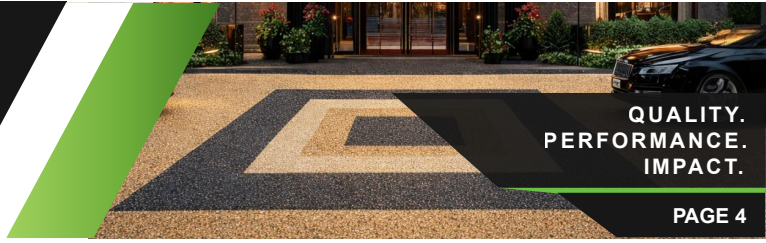
Typical applications	Domestic driveways, residential parking areas, footpaths, patios
ROX finish layer (min)	18 mm
ROX base course (min)	30 mm (2-6 mm or 4-12mm aggregate)
Base binder ratio	4% ROX Base Binder to aggregate (e.g. 4 kg per 100 kg aggregate)
Capping layer	25 mm of 5-10 mm angular stone
MOT Type 3 sub-base	125 mm (up to 225 mm if required)
Reinforcement	Infinity SRM Mesh (two layers)
System total (standard)	173 mm (above geotextile)
System total (increased)	273 mm (above geotextile)

COMMERCIAL / HEAVY VEHICLE SPECIFICATION

Typical applications	Commercial driveways, car parks, service areas, high-traffic zones
ROX finish layer (min)	20 mm
ROX base course (min)	35 mm (2-6 mm or 4-12mm aggregate)
Base binder ratio	4% ROX Base Binder to aggregate (e.g. 4 kg per 100 kg aggregate)
Capping layer	25 mm of 5-10 mm angular stone
MOT Type 3 sub-base	125 mm (up to 225 mm if required)
Reinforcement	Infinity SRM Mesh (two layers)
System total (standard)	180 mm (above geotextile)
System total (increased)	280 mm (above geotextile)

i Both build-ups are fully permeable and SuDS-compliant, allowing surface water to drain naturally through the resin-bound surface and supporting layers. Always assess site conditions to determine the appropriate build-up for your project.

RIGHT BUILD-UP BETTER PERFORMANCE



Materials, Tools & Site Setup

Prepare the complete installation kit before starting work. A successful resin-bound installation depends on having the right materials, tools and site setup in place, along with suitable weather conditions. Ensure everything is on site and ready before you begin to maintain a consistent workflow and high-quality finish.

ESSENTIAL MATERIALS & TOOLS

- Permeable geotextile membrane.
- MOT Type 3 aggregate (well compacted).
- 5-10 mm angular stone (capping layer).
- Infinity SRM Mesh (structural reinforcement).
- 2-6 mm aggregate for ROX Base Binder course.
- Infinity Effects ROX Base Binder (4-5% to aggregate).
- Kiln-dried decorative aggregate.
- UV-stable Infinity Effects ROX Binder.
- Optional binding quartz (where specified).
- Optional anti-slip glass beads.
- Aluminium trims and edging.
- Jointing materials (expansion-joint foam or joint tape).
- Cleaning materials (pressure washer, vacuum, rags).

PREPARE. PLAN. PROTECT.
HAVING EVERYTHING ON SITE BEFORE YOU START ENSURES A SMOOTH, HIGH-QUALITY INSTALL.



OPTIONAL EQUIPMENT

- 120 L or larger forced-action resin-bound mixer (do not use a cement mixer).
- Mechanical compaction equipment (wacker plate / roller).
- Resin rake / spazzle, trowels and steel floats.
- Power trowel (where appropriate).
- Straight edges, levels and depth gauges.
- Cutting equipment and measuring tools.
- PPE (gloves, safety glasses, knee pads, etc).

OPTIONAL EQUIPMENT

- Mixing tent / canopy for hot, cold or changeable weather.
- Forced-air heater for cold conditions.
- Primer / binder accelerator or ROX Catalyst (where specified).
- Mechanical surface grinder (if working near existing surfaces).
- Water bowser / on-site water supply for cleaning.

SITE RULE

Do not begin if rain is forecast. Keep resin and aggregates at a stable temperature, protect the working area, and ensure all aggregate is completely kiln-dried.

RIGHT CONDITIONS BETTER RESULTS



Stage 1 - Sub-Soil & Excavation

PREPARE TODAY
FOR A STRONGER TOMORROW.

Start With the Foundation

The performance of the complete ROX system depends on the correct preparation of the sub-soil and excavation to the required depth. A stable, well-prepared formation ensures long-term durability, permeability and a high-quality finish.

STEP-BY-STEP PROCESS

GET IT RIGHT
FOR A LONGER LASTING FINISH

01



ASSESS THE SITE

Inspect the installation area and determine the condition of the existing ground. Identify any soft spots, unstable material, drainage issues and areas where water is likely to collect.

02



ESTABLISH FINISHED LEVELS

Determine the required finished surface height before excavation.
Allow for the complete system build-up depth (see Page 3) and ensure correct falls for drainage.

03



EXCAVATE

Excavate the installation area to the required depth for the selected system build-up (domestic/light vehicle or commercial/heavy vehicle).
For a standard domestic system allow approximately 173 mm above the geotextile (or up to 273 mm where 225 mm Type 3 is required).

04



PREPARE SUB-SOIL

Remove loose, organic or unsuitable material. The formation should be stable, well-drained and capable of supporting the permeable sub-base.

05



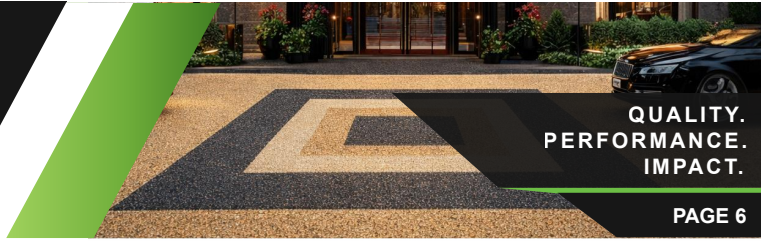
CHECK PERMEABILITY

Assess the site's ability to manage water. Where there are concerns regarding the permeability of the sub-soil, the MOT Type 3 layer may be increased from the standard 125 mm up to 225 mm, subject to the site specification.

IMPORTANT
SITE CONSIDERATIONS

- Maintain correct falls for drainage
- Remove all organic material
- Ensure the formation is stable and well compacted
- Allow for full system depth before excavation

SOLID FOUNDATIONS BETTER SURFACES



Stage 2 - Geotextile Membrane & Sub-Base

Create a Stable, Permeable Foundation

The geotextile membrane and MOT Type 3 sub-base provide a stable, free-draining foundation for the ROX system. Correct installation and compaction are essential to ensure long-term performance and permeability.

BUILD IT RIGHT
FOR A STRONGER TOMORROW.

STEP-BY-STEP PROCESS

GET IT RIGHT
FOR A LONGER LASTING FINISH

01



INSTALL GEOTEXTILE MEMBRANE

Roll out a suitable permeable geotextile membrane over the prepared sub-soil. Overlap joints by a minimum of 300 mm and ensure the membrane is laid flat with no folds. The membrane helps prevent migration of fine particles while allowing water to pass through.

02



ADD MOT TYPE 3 SUB-BASE

Install MOT Type 3 granular sub-base in layers to the required depth (standard 125 mm, increased up to 225 mm where required). Ensure even distribution across the area.

03



COMPACT THE SUB-BASE

Mechanically compact the MOT Type 3 sub-base using a wacker plate or roller. Compact in layers (typically 75-100 mm) to achieve a stable, well-compacted foundation. The finished surface should be level and true to the required falls.

04



CHECK LEVELS & FALLS

Ensure the sub-base is level and falls are correct for drainage (typically 1:60 to 1:80). Use a laser level or long spirit level to check across the area and make any final adjustments before proceeding.

05



FINAL INSPECTION

Inspect the completed sub-base for stability, level and correct falls. Ensure the surface is clean, free from loose material and ready for the next stage (capping layer).

IMPORTANT
INSTALLATION NOTES

- Overlap geotextile joints by minimum 300 mm
- Compact MOT Type 3 in layers
- Ensure correct falls for drainage
- Do not proceed until sub-base is stable and level
- Refer to Page 3 for build-up depths

PERMEABLE FOUNDATIONS STRONGER SURFACES



Stage 3 - Permeable Capping Layer

Create a Stable Working Platform

BUILD IT RIGHT
FOR A STRONGER TOMORROW.

The permeable capping layer provides a stable, level and free-draining surface for the resin-bound wearing course. It creates the perfect working platform, ensures consistent thickness and helps maintain the SuDS performance of the system.

STEP-BY-STEP PROCESS

GET IT RIGHT
FOR A LONGER LASTING FINISH

01



DELIVER & PREPARE AGGREGATE

Use clean, angular, open-graded aggregate (typically 5-10 mm). Ensure the stone is completely clean and free from dust, fines and contamination. Deliver sufficient material to complete the area without interruptions.

02



SPREAD THE AGGREGATE

Evenly spread the aggregate to the required depth, allowing for compaction. Use a rake or spazzle to distribute the stone consistently across the area.

03



COMPACT THE LAYER

Mechanically compact the aggregate using a wacker plate or roller. Compact in layers (typically 75-100 mm) to achieve a solid, stable and permeable capping layer. Ensure even compaction across the entire area.

04



CHECK LEVELS & FALLS

Ensure the capping layer is level and falls are correct for drainage (typically 1:60 to 1:80). Use a laser level or long spirit level to check across the area and make any final adjustments.

05



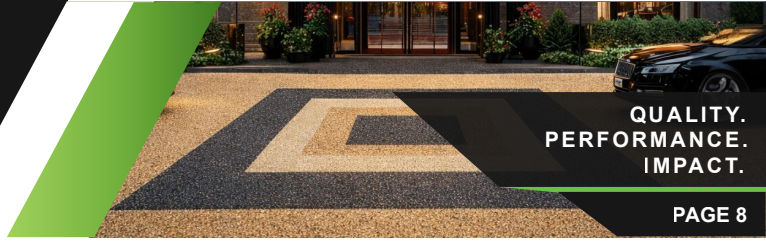
FINAL INSPECTION

Check the surface is stable, well compacted, level and free from loose stone. The permeable capping layer is now ready for the resin-bound wearing course (Stage 4).

IMPORTANT
INSTALLATION NOTES

- Use clean, angular 5-10 mm aggregate
- Ensure even compaction throughout
- Maintain correct falls for drainage
- Do not proceed until the layer is stable and level
- Check thickness to suit system specification

**STABLE
PERMEABLE
FOUNDATIONS
BETTER
SURFACES**



Stage 4 - First Infinity SRM Mesh

Reinforce for Long-Term Performance

The first layer of Infinity SRM Mesh adds structural reinforcement to the permeable sub-base, reducing reflective cracking and increasing the overall strength and durability of the ROX system.

REINFORCE TODAY
FOR A STRONGER TOMORROW.

STEP-BY-STEP PROCESS

GET IT RIGHT
FOR A LONGER LASTING FINISH

01



PREPARE THE AREA

Ensure the permeable sub-base (Stage 3) is clean, level and well compacted. Remove any sharp objects or debris that could damage the mesh. Ensure the surface is dry and ready for installation.

02



ROLL OUT THE MESH

Roll out the Infinity SRM Mesh over the prepared sub-base. Position the mesh flat with no folds or creases, ensuring it follows the surface contours and covers the entire area.

03



OVERLAP JOINTS

Overlap adjacent rolls by a minimum of 100 mm. Ensure the overlap is consistent throughout the installation to maintain full reinforcement and prevent movement.

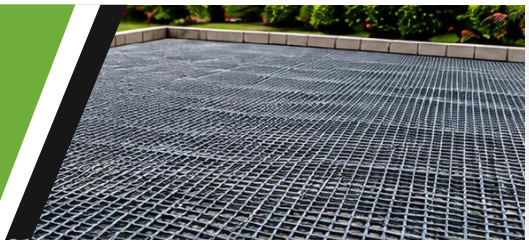
04



SECURE THE MESH

Fix the mesh in place using suitable ground pegs or staples where required, especially around edges, joins and changes in direction. Keep the mesh tight and flat against the surface.

05



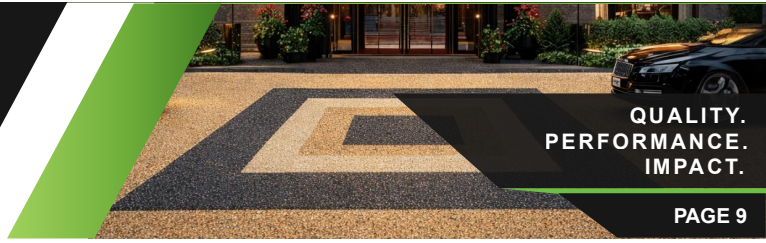
FINAL CHECK

Inspect the entire area to ensure the mesh is flat, secure and correctly overlapped. Make any final adjustments before proceeding to Stage 5 (Second SRM Mesh or wearing course depending on specification).

IMPORTANT
INSTALLATION NOTES

- Overlap mesh joints by minimum 100 mm
- Ensure mesh is flat with no folds or creases
- Secure with ground pegs where required
- Keep mesh tight and correctly positioned
- Inspect before proceeding to next stage

STRONGER SURFACES BUILT FOR TOMORROW



Stage 5 - ROX Base Binder Course

Mix, Apply and Compact

MIX IT RIGHT
FOR A STRONGER TOMORROW.

The ROX base binder course combines UV-stable ROX Binder with kiln-dried decorative aggregate to create a strong, durable and permeable surface. Correct mixing, application and compaction are essential for a consistent finish and long-term performance.

STEP-BY-STEP PROCESS

GET IT RIGHT
FOR A LONGER LASTING FINISH

01



PREPARE MATERIALS

Ensure all materials are on site before mixing. Use kiln-dried decorative aggregate and Infinity Effects ROX Base Binder Non-UV. Check the correct mix ratio (typically 7-7.5% binder to aggregate by weight) and ensure aggregates are completely dry.

02



MIX THE BINDER AND AGGREGATE

Use a 120 L or larger forced-action resin-bound mixer. Add the required amount of ROX Base Binder Non-UV to the dry aggregate and mix for 2-3 minutes until all stones are evenly coated. Do not overmix.

03



APPLY TO SURFACE

Immediately discharge the mixed aggregate onto the prepared area. Spread evenly using a rake or spazzle to the required thickness (typically 2-6mm or 4-12 mm depending on specification). Maintain a consistent wet edge to avoid visible joins.

04



COMPACT AND FINISH

Compact the surface using a steel float or resin trowel. Ensure stones are evenly distributed and the surface is smooth, uniform and open-textured. Do not over-trowel, as this can reduce permeability.

05



FINAL INSPECTION

Check the surface for consistent coverage, thickness and finish. Ensure the surface is even, free from trowel marks and maintains an open, permeable texture. Allow to cure as per product TDS before applying any optional rejuvenator or sealer.

IMPORTANT
INSTALLATION NOTES

- Use kiln-dried aggregate only
- Maintain correct mix ratio (4% binder)
- Use a forced-action mixer (minimum 120 L)
- Apply and compact within working time (~25 minutes at 20°C)
- Maintain a wet edge to avoid visible joins

QUALITY INSTALLATION LASTING RESULTS



Stage 6 - Second Infinity SRM Mesh

Additional Reinforcement for Maximum Performance

REINFORCE TODAY
FOR A STRONGER TOMORROW.

The second layer of Infinity SRM Mesh provides additional reinforcement, further reducing the risk of reflective cracking and enhancing the long-term strength and stability of the ROX system.

STEP-BY-STEP PROCESS

GET IT RIGHT
FOR A LONGER LASTING FINISH

01



PREPARE THE SURFACE

Ensure the completed base binder course (Stage 5) is level, compacted and clean. Remove any loose stones or debris that could prevent the mesh lying flat. The surface must be dry and ready for installation.

02



ROLL OUT THE SECOND MESH LAYER

Roll out the second layer of Infinity SRM Mesh over the cured base binder course. Position the mesh flat with no folds or creases, ensuring it follows the surface contours and covers the entire area.

03



OVERLAP JOINTS

Overlap adjacent rolls by a minimum of 100 mm. Ensure the overlap is consistent throughout the installation to maintain full reinforcement and prevent movement.

04



SECURE THE MESH

Fix the mesh in place using suitable ground pegs or staples where required, especially around edges, joins and changes in direction. Keep the mesh tight and flat against the surface.

05



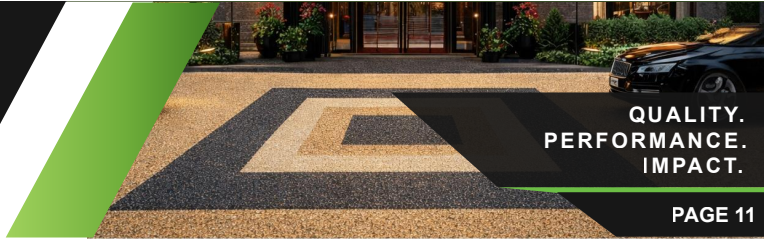
FINAL CHECK

Inspect the entire area to ensure the mesh is flat, secure and correctly overlapped. Make any final adjustments before proceeding to the final capping layer (Stage 7).

IMPORTANT
INSTALLATION NOTES

- Overlap mesh joints by minimum 100 mm
- Ensure mesh is flat with no folds or creases
- Secure with ground pegs where required
- Keep mesh tight and correctly positioned
- Do not proceed until the mesh is fully installed and checked

BUILD STRONGER SURFACES FOR THE FUTURE



Stage 7 - Mix ROX Resin-Bound Wearing Course

Create a Durable, Permeable and Aesthetic Finish

The wearing course is the final layer of the ROX system, combining UV-stable ROX Binder with high-quality decorative aggregate to create a beautiful, durable and fully permeable surface.

MIX IT RIGHT
FOR A STRONGER TOMORROW.

STEP-BY-STEP PROCESS

GET IT RIGHT
FOR A LONGER LASTING FINISH

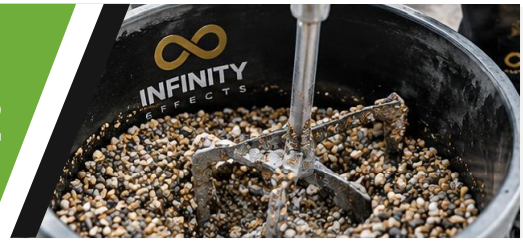
01



PREPARE YOUR MATERIALS

Ensure ROX Binder and decorative aggregates are on site and at a stable temperature. Use clean, dry, kiln-dried aggregates in the required blend (e.g. 3 x 2-6 mm + 1 x 1-3 mm or 2-4 mm). Check mix ratio (typically 7-7.5% binder to aggregate by weight).

02



MIX THE WEARING COURSE

Use a 120 L or larger forced-action resin-bound mixer. Add the required 7-1.5 kg ROX Binder to the dry aggregate and mix for 2-3 minutes until all stones are evenly coated. Do not overmix.

03



APPLY TO SURFACE

Immediately discharge the mixed material onto the prepared area. Spread evenly to the required thickness (typically 15-18 mm) using a rake or spazzle. Work in manageable areas and maintain a consistent wet edge to avoid visible joins.

04



COMPACT AND FINISH

Compact and smooth the surface using a steel float or resin trowel. Lightly trowel to close the surface without overworking. Ensure an even, uniform finish with no loose stones.

05



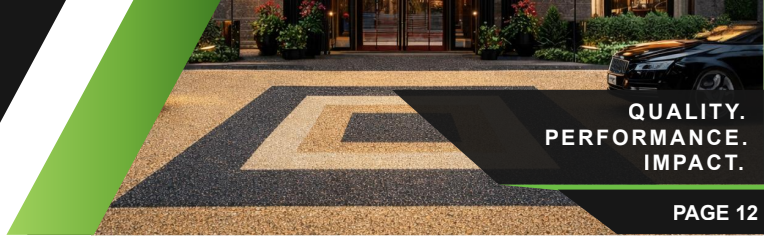
FINAL INSPECTION

Check the completed surface for consistent colour, texture and thickness. Ensure it is level, well compacted and free from loose stones. Allow to cure as per product TDS before opening to foot or vehicle traffic.

IMPORTANT
INSTALLATION NOTES

- Use kiln-dried, clean decorative aggregate
- Maintain 7-7.5% binder to aggregate ratio
- Mix for 2-3 minutes (do not overmix)
- Apply and compact within working time (~25 minutes at 20°C)
- Maintain a wet edge to avoid visible joins

A BEAUTIFUL FINISH BUILT TO LAST



Installer Notes & System Requirements

Install Correctly. Build From the Ground Up.

Follow these important notes, recommendations and system requirements to ensure a successful installation and long-lasting, fully permeable finish. Correct preparation, materials and working practices are essential for performance, durability and warranty eligibility.

**RIGHT PRODUCT.
RIGHT PROCESS.
LASTING RESULTS.**

KEY INSTALLER NOTES

- Always follow the full system build-up from Stage 1 to Stage 8.
- Ensure the sub-base is correctly designed and installed to SuDS requirements.
- Use only clean, dry, kiln-dried decorative aggregate.
- Maintain the correct binder ratio (typically 7-7.5% to aggregate)(Wear Layer).
- Do not overmix. Mix only what can be laid within the working time.
- Maintain a consistent wet edge during application.
- Ensure correct compaction and even finish.
- Do not install in wet or freezing conditions.
- Protect the finished surface from heavy traffic until fully cured.
- Always refer to the relevant Infinity Effects TDS for each product.
- Keep tools clean and use Infinity Effects Safe Solvent or trowel lubricant.
- For vertical or inclined surfaces use ROX Vertical Binder.

BEST PRACTICE TIPS

- Plan the area and have all materials and tools ready before starting.
- Use the correct mesh overlap (minimum 100 mm).
- Maintain consistent binder ratio and stone distribution.
- Work in manageable areas to maintain a wet edge.
- Check depth/thickness throughout the installation.
- Allow full cure time before opening to traffic.
- Follow all product-specific TDS and safety data sheets.
- For large or commercial projects, conduct a test area first.

SYSTEM REQUIREMENTS

SUB-BASE
- Permeable and correctly engineered to SuDS standards
- Clean, stable and well compacted
- Designed for expected load (pedestrian or vehicular)

AGGREGATE
- Clean, dry, kiln-dried decorative aggregate
- Suitable sizes: 1-3 mm, 2-4 mm, 2-6 mm (Wear Layer)
- Suitable sizes: 2-6 mm, 4-12 mm (Base Layer)

BINDER
- ROX Binder (UV stable) mix ratio: 7-7.5% binder to aggregate
- ROX Base Binder (UV stable) mix ratio: 4% binder to aggregate
- Mix only what can be used within working time

MIXING EQUIPMENT
- 120 L+ forced-action mixer (e.g. Infinity 160 L Mixer)
- Ensure all stones are evenly coated
- Do not overmix

TOOLS
- Rake or spazzle for spreading
- Steel float or resin trowel for compaction and finish
- Keep tools clean and use suitable lubricant

ENVIRONMENTAL CONDITIONS
- Ideal temperature: 10-25°C
- Do not install in rain, standing water or freezing conditions
- Avoid direct strong sunlight in hot conditions

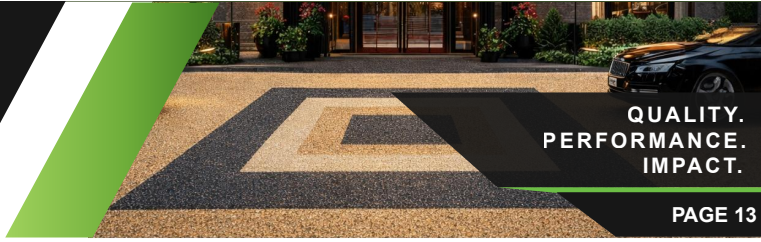
COMMON MISTAKES TO AVOID

- ✗ Using wet or damp aggregate.
- ✗ Incorrect binder ratio (too much or too little).
- ✗ Overmixing the materials.
- ✗ Uneven compaction or inconsistent thickness.
- ✗ Installing in unsuitable weather conditions.
- ✗ Failing to overlap mesh correctly.
- ✗ Trowelling too early or too late.
- ✗ Not allowing adequate cure time.

IMPORTANT
ALWAYS REFER TO PRODUCT TDS

- Follow the complete Stage 1-8 system
- Use approved materials and equipment
- Ensure correct mix ratios and thicknesses
- Install in suitable conditions
- Allow full cure time before use

**PROFESSIONAL INSTALLATION.
LONG-LASTING PERFORMANCE.**



System Summary & Disclaimer

TRUSTED
SYSTEMS.
REAL RESULTS.

A Complete SuDS-Compliant Build-Up for Lasting Performance

The Infinity Effects ROX Resin-Bound System has been designed to provide a fully SuDS-compliant, durable and visually stunning surface. By following the complete build-up from sub-soil to finished surface, you can achieve a high-performance installation built to last.

COMPLETE SYSTEM BUILD-UP

FROM SUB-SOIL TO SURFACE



7 ROX Resin-Bound Wearing Course

Mix and lay the ROX resin-bound surface and finish to a smooth, durable and attractive permeable finish.

6 Second Infinity SRM Mesh

Install the second layer of Infinity SRM Mesh for additional reinforcement and stability.

5 ROX Base Binder Course

Apply the ROX base binder course to create a stable and bonded layer for the wearing course.

4 First Infinity SRM Mesh

Install the first layer of Infinity SRM Mesh to reduce reflective cracking and improve strength.

3 Permeable Capping Layer

Install a clean, permeable capping layer to create a stable working platform.

2 GeoTextile / MOT Type 3 Sub-Base

Install a Geotexile Membrane under a well-compacted, permeable MOT Type 3 sub-base to providing structural support for the system.

1 Prepared Sub-Soil

Excavate and prepare the sub-soil to the correct depth, ensuring it is level, well-drained and free from organic material.

KEY SYSTEM BENEFITS

FULLY SuDS-COMPLIANT
Allows natural drainage and helps manage surface water sustainably.

DURABLE & LONG-LASTING
Engineered for strength, stability and long-term performance.

ATTRACTIVE FINISH
Wide range of natural stone blends for a premium, decorative look.

LOW MAINTENANCE
Resistant to weeds, UV and weathering.

VERSATILE APPLICATIONS
Suitable for driveways, pathways, patios, commercial areas and more.

ENVIRONMENTALLY FRIENDLY
Permeable design supports sustainable urban drainage.

PROVEN SYSTEM
Tested materials, clear installation guidance and professional support.

MORE THAN A SURFACE.
A SMARTER SOLUTION.

IMPORTANT DISCLAIMER

The information provided in this brochure is given in good faith and based on our current knowledge and experience. Infinity Effects cannot be held responsible for any loss, damage or failure resulting from incorrect installation, use of unsuitable materials, adverse site conditions or failure to follow the relevant product TDS, SDS and installation guidelines.

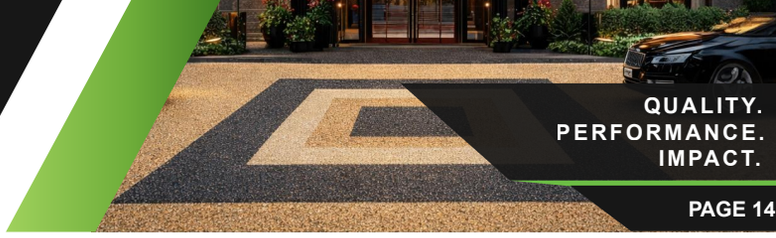
It is the installer's responsibility to ensure the system is suitable for the intended use, that all sub-base and drainage requirements meet local regulations, and that the installation is carried out by competent and experienced personnel.

Always refer to the latest product Technical Data Sheets, Safety Data Sheets and local building regulations before installation.

FINAL NOTES

- Follow the complete Stage 1-7 system.
- Use approved Infinity Effects materials and tooling.
- Ensure correct mix ratios and layer thicknesses.
- Maintain a consistent wet edge and finish.
- Allow full cure time before opening to traffic.
- For specific project advice, contact the Infinity Effects team.

Build it Right. Build it to Last.



Technical Coverage & Application Guide

Approximate material coverage, consumption rates and recommended installation depths for the Infinity ROX Resin Bound System, ROX Concrete Primer and ROX Rejuvenator.

01 ROX BINDER – RESIN BOUND COVERAGE



1–3mm + 2–6mm Aggregate Blend

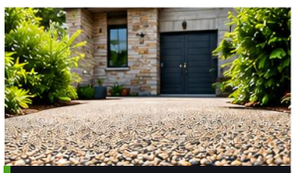
Angular or Rounded | Kiln-Dried | Well Compacted

STANDARD MIX PER 7.5kg KIT

- 3 × bags 1–3mm aggregate
- 1 × bag 2–6mm aggregate
- 1 × 7/7.5kg ROX Binder Kit

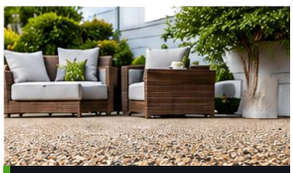
FINISHED DEPTH	APPROX. COVERAGE
12mm	4.6m²
15mm	4.0m²
18mm	3.5m²
21mm	3.0m²
24mm	2.6m²

02 RECOMMENDED INSTALLATION DEPTH



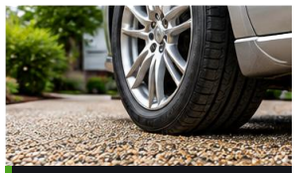
12–15mm

PATHWAYS / PATIOS
PEDESTRIAN AREAS



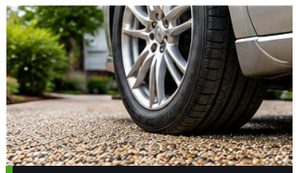
15mm

LIGHT / NON-TURNING
VEHICLE TRAFFIC



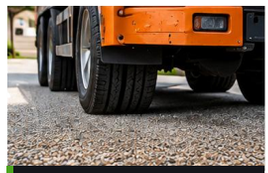
18mm

STANDARD VEHICLE TRAFFIC
DOMESTIC DRIVEWAYS



21mm

MEDIUM – HEAVY
VEHICLE TRAFFIC



24mm

HEAVY VEHICLE TRAFFIC
(24mm+ PROJECT SPECIFIC)

03 ROX CONCRETE PRIMER

For porous concrete & cementitious substrates.



APPROX. COVERAGE

250 – 500g/m²

Depending on porosity and condition of the concrete substrate.



04 ROX REJUVENATOR

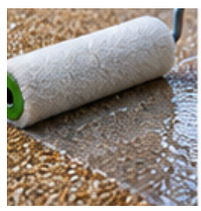
For existing Resin Bound surfaces.



APPROX. COVERAGE

250 – 500g/m²

Depending on roller type, surface compactness and overall condition.



05 KEY APPLICATION NOTES



Use clean, dry, suitable aggregate.



Mix thoroughly to ensure uniform coating.



Spread to the specified depth using a rake or spazzle.



Close and compact using a resin bound finishing trowel.



Maintain the specified depth throughout the installation.

06 IMPORTANT INFORMATION

Coverage figures are approximate guidance only.

Actual consumption will vary depending on aggregate size, grading, compaction, surface profile and application technique.

Always allow for normal site variation and material wastage when calculating project quantities.

Carry out a trial area for larger stone sizes or unusualsubstrates.

07 CURING TIMES & CATALYST USE

Curing, working, overcoating and return-to-service times are product and condition dependent. Always refer to the relevant product TDS.

An approved ROX Catalyst can be used with compatible products to accelerate cure times as needed. For recommended addition rates please consult the relevant TDS or speak to an Infinity Effects technical representative.