

A photograph of a modern playground area. The ground is covered in bright blue wet pour rubber surfacing, which has wavy, organic patterns. In the center, there is a wooden play structure with a small slide and a water feature. To the left, there is a small tree in a circular planter. The background is a large, multi-story brick building with many windows. A wooden picket fence runs along the side of the building. The overall scene is bright and colorful.

Wet Pour Rubber Surfacing

Safe, Durable, Vibrant, Versatile.

Wet Pour is a high-performance impact-absorbing play surface made from granulated rubber crumb - Ideal for environments where safety is key. Wet pour is specifically designed for use in playgrounds, parks, schools, nurseries, and other public play areas.

Installed in two layers, the base provides shock absorption, while the top layer offers vibrant colour options and the ability to add fun graphics and patterns. The result is a durable, visually appealing surface that keeps children safe during play.

Applications

- School Playgrounds
- Public play areas
- Nursing homes and care facilities
- Perimeters of swimming pools and sports pitches

BENEFITS

- Critical Fall Height protection up to 3m
- Durable and long-lasting, backed by a 5-year warranty*
- Continuous surface with no joins - Reduces trip hazards
- Permeable and fast-drying
- Suitable for wheelchairs, prams, and buggies
- Low maintenance
- Customisable with a wide choice of colours and designs
- Fully compliant with UK safety standards



*Terms and Conditions apply



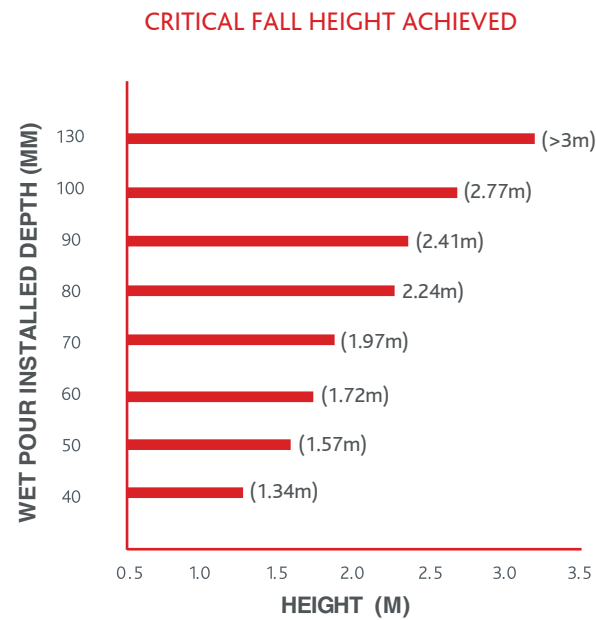


Critical Fall Heights

- Designed to Maximise Safety

Critical Fall Height (CFH) is vital for wetpour surfaces, indicating the maximum safe drop height to prevent serious injury. Ensuring your playground's CFH rating matches the height of the play equipment is essential—it protects children by effectively absorbing impacts, significantly reducing injury risks and ensuring compliance with safety standards for peace of mind.

Below is the chart showing the CFH ratings our wetpour surfacing has been tested to.



17 Vibrant Colours to Create Blends and Bespoke Designs

Colours can be mixed and matched to create bespoke designs, allowing for tailored patterns, themes, and graphics to suit your specific requirements. This flexibility ensures your play surface is both visually engaging and aligned with your overall design vision.



Edge Options

Edges are required to provide a secure fixing for the surface at the perimeter. When a surface needs edging, it should finish flush with the top of the surrounding edge to ensure there are no trip hazards. Edges should be clean and durable to form a cohesive bond with the surface. As below, there are several edge options we recommend to protect the wetpour surface from shrinkage over time.



Pre Cast Concrete



Rubber



Timber

	TYPE OF EDGE	W/P
EDGE	Pre Cast Concrete	✓
	Ramped Rubber	✓
	Rubber	✓
	Timber	✓
	Aluminium	✓
NO EDGE	Ramped Down	✓
	Chase Cut into Macadam	✓
	Chase Cut into Grass	✓

- ✓ Recommended edge - covered under warranty
- ✓ Possible to install, but not recommended - Shrinkage or lifting not covered under warranty

Note: We cannot accept liability for any movement, failure, or defects resulting from overlaying existing wetpour or carrying out perimeter repairs. Any guarantee offered will apply solely to the structural integrity of the newly installed material and will exclude any issues related to the existing surface or the bond between old and new.

No Edge Option - Ramped Down

When installing Wetpour without an edge, it is possible to slope or flatten the edge (ramp down). This ensures that there are no trip edges and avoids costs on installing perimeter kerbs. Ramping down is offered at no additional cost.

RAMP LENGTH FOLLOWS THE 1:5 RULE WHICH COMPLIES WITH SAPCA WHEELCHAIR REGULATIONS...

WETPOUR DEPTH	RAMP LENGTH
40 mm	200 mm
50 mm	250 mm
100 mm	500 mm

EXAMPLE DIAGRAM OF WETPOUR RAMPED TO MACADAM:

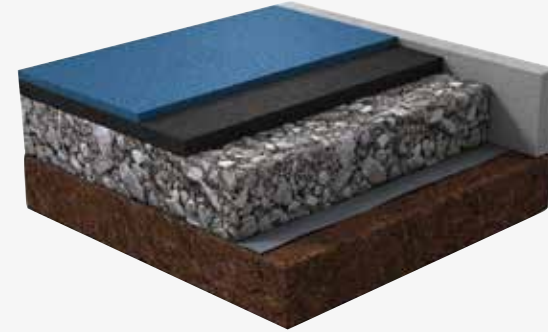


Build Up Options

Typical Build Up - MOT Type 1

1. 15mm EPDM wearing course
2. 25mm - 115mm SBR base course (depth dependent on Critical Fall Height)
3. Min 100mm MOT Type 1 20mm to dust (non-recycled). Laid, level and compacted to the required tolerance.
4. Geotextile membrane

Edge options; Rubber, Concrete, Timber, Aluminium, Ramp Down



Macadam Base

1. 20–130mm Wetpour (depth dependent on Critical Fall Height)
2. 50mm Open Textured Binder Course Macadam (AC10 or AC14)
3. 100–300mm MOT Type 1 (depth dependent on ground conditions)
4. Geotextile Layer

Edge options; Rubber, Concrete, Timber, Aluminium, Ramp Down, Chase Cut
Note: Macadam should be laid a minimum of 7 days before installing wetpour.



Mound

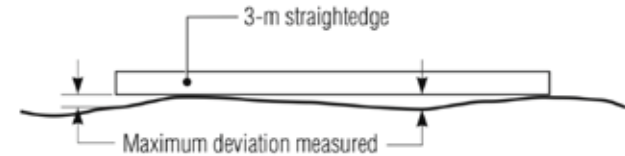
1. Minimum 15mm EPDM Wearing Course
2. 25mm SBR Base Course
3. Mound Capped with Concrete
4. Min 100mm MOT Type 1 20mm to dust (non-recycled). Laid, level and compacted to the required tolerance.
5. Geotextile Layer

Edge options; Rubber, Concrete, Timber, Aluminium, Ramp Down



Groundworks

A wet pour surface is only as safe and durable as the groundwork beneath it. To ensure optimal performance, the sub-base must be accurately prepared. When a 3m straight edge is placed on the surface in any direction, no point should deviate more than $\pm 6\text{mm}$. Any undulations exceeding this tolerance will require regulation using MOT Type 1 stone. Failure to meet this standard may result in additional time spent on site and increased costs due to extra materials such as SBR rubber granules.



MOT STONE GROUNDWORKS CHECKLIST

- The sub-base should be dry, level and compact all over
- The sub-base should be minimum of 100mm MOT Type 1 compacted stone
- The surface should have suitable drainage
- The surface should be clear of obstacles / piled debris
- A weed membrane should be installed beneath the stone
- Edges should be installed to the correct depth



MACADAM GROUNDWORKS CHECKLIST

- The sub-base should be dry, solid and crack free
- The sub-base should be level
- The sub-base should be clear of obstacles / piled debris
- The sub-base should be clear of weeds / moss
- Edges should be installed to the correct depth

Wetpour Graphics - Key Considerations

Wetpour graphics are a great way to enhance play areas with colour, themes, and creativity. However, they are labour-intensive to install, requiring precision and time from skilled installers. This can affect both the project timeline and overall cost.

DAY ONE

If required, the impact absorbing base layer is installed. The coloured EPDM top layer is installed over this once cured.



DAY TWO

Any graphics are marked with chalk, cut out and then filled with the second colour.



Reduce touching colours to keep costs down

When colours touch in a wetpour design, each one must be installed and allowed to cure separately before the next can be laid. This significantly increases installation time. In summer, the binder typically cures within 2–4 hours, while in winter it can take 6–8 hours. As each colour is installed individually, this may extend the number of days required on site, potentially increasing costs for labour and any applicable charges such as congestion or access fees.

DCM's quotes are based on the area size, required depth, chosen wetpour colours, and any necessary groundworks or geotextile layers.



2 ADDITIONAL DAYS ONSITE

Having multiple touching colours increases the number of days required to complete to install.



1 ADDITIONAL DAY ONSITE

Keep numbers the same colour as the background to reduce the number of days onsite.

UV Colour Changes in Wet Pour

Colour change due to UV exposure is a common and natural characteristic of all aromatic binder-based wetpour systems. When exposed to sunlight, the surface resin can develop a yellow or brown tint. This discolouration forms a thin film over the rubber granules and is purely cosmetic—It does not affect the surface's durability or physical performance. Over time, this surface tint fades naturally with weathering. Although this is entirely normal, the visual impact of discolouration can vary depending on the colour of rubber used. Lighter shades such as grey, beige, or light blue tend to show this change more noticeably than darker tones.

To help manage this, DCM will always quote for UV-stable binder when it is recommended for specific colours, helping to maintain the intended appearance for as long as possible.

BEFORE UV EXPOSURE



AFTER UV EXPOSURE



The images above were provided by a customer of a competitor who wasn't informed about UV discolouration—Likely caused by an inferior, non-UV-stable binder.



Premium EPDM Granules for Exceptional Surface Performance

We use the premium EPDM Gezolan granules, carefully formulated for dust-free application, consistent colour, eco-friendly formulation, UV resistance, and long-lasting elasticity, ensuring very vibrant, durable, weather-resistant surfaces for many years.

Binder	SBR & EPDM	EPDM
• Designed for UK climate • Non-hazardous and fast curing • Excellent tensile properties	• ISO 9001 accredited • Non-toxic and PAH free • Stringent quality control • Environmentally friendly recycling process	• Dust-free for colour fastness & stronger surface • Guaranteed colour consistency • Resistant and elastic

	Sub-base	Thickness (mm)	Build Up
Specification	Concrete or tarmac	Min 20mm EPDM	Top Layer: 1-3mm EPDM coloured rubber granules 18% min binder content
	Well compacted stone	15mm EPDM + Min 25mm SBR	Bottom Layer: 2-6mm SBR recycled rubber granules 8% min binder content
Safety	Once installed and fully cured after 12-18 hours, the surface is considered inert and non-toxic		
Test Certificates	• Flame Retardance: DIN EN 13501 - 1 • Oral tested to toy safety rating BS EN71-3 • Impact attenuation of surfaces: BS EN 1177 • General safety requirements for outdoor play equipment: BS 5696, Part 3 • Meets Critical Fall Height requirements > 3m Test certificates can be requested from info@dcmsurfaces.com		

Quality Assurance Process

DCM Surfaces implements strict quality control procedures to ensure the highest quality finish for every installation.

- 1** **Pre-Installation**
Installers arrive on site wearing full PPE, present CSCS/DBS cards, and sign in. They report any onsite issues to Operations for discussion with clients.
- 2** **Site Assessment**
Installers measure the area, check for dips, report temperature/weather conditions, and compare the site to drawings/jobsheets. They take photos of materials and groundwork conditions.
- 3** **Installation**
Materials are mixed and transported by wheelbarrow to the installation area. Operations regularly inform the client of the installers' progress.
- 4** **Completion**
Installers send an email to the Operations team at the end of each day and on completion of the job, detailing photos and any remaining materials. Pictures of the completed installation are emailed to the client.
- 5** **Follow Up**
Customer feedback is requested, and an invoice is sent to the client.



Blending Surface Types for Smarter, More Versatile Play Spaces

DCM's installation teams are highly skilled in laying a wide range of surfacing solutions, including resin bound gravel, rubber gravel mix, artificial grass, resin bonded gravel, rubber mulch, and polymeric surfaces. This versatility means the same experienced team can often complete multiple surface types on a single site. Combining different textures not only enhances the visual appeal of a playground but also creates a more stimulating and engaging environment for young children.



Bonded Gravel



Bound Gravel



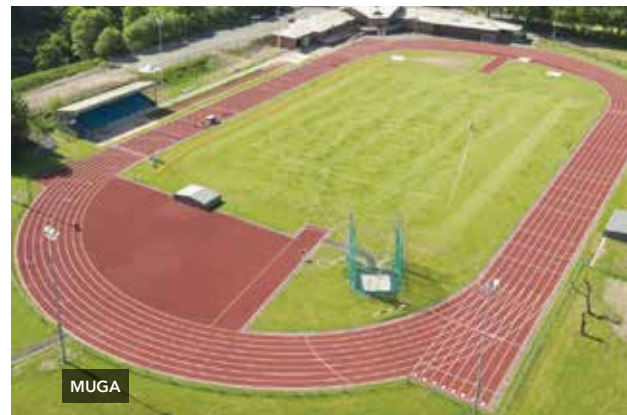
Coloured Gravel



Play Grass



Wetpour



MUGA



SUDS Compliant Surfacing



Rubber Mulch

Case Study: Sudley Primary School

PRODUCT: WETPOUR & MULCH
AREA SIZE: OVER 1000m²
YEAR: 2024
CASE STUDY: dcmsurfaces.com/projects

Background

Sudley Primary School enlisted DCM Surfaces to reimagine its Key Stage 1 outdoor area, aiming to provide a dynamic, enriching environment specifically tailored to the developmental needs of KS1 children.

The Project

To define distinct zones for sports, play, reading, and imaginative activities, DCM Surfaces installed premium surfacing solutions optimised for functionality and visual appeal.

EcoMulch in sand, green, and blue was used to provide an eco-friendly surface, while black EPDM with anti-slip spray and a custom school logo designated the sports area. Vibrant Wetpour in light blue, green, red, purple, yellow, and pink added a visually striking element.

In addition, specially designed KS1 equipment was installed to support physical development and imaginative play. Shelters, shade sails, and a gazebo were included to create shaded areas suitable for socialisation, quiet reading, and observation.

“ Outstanding service from start to finish. DCM have many key qualities that have contributed to a positive project at our school. Great work ethic, strong teamwork and responsiveness to our school needs. The support, guidance and advice throughout the design stage and collaboration between different teams was exceptional. A big ‘Thank you’ to the team for continued communication throughout the project keeping us informed at every stage and always being on hand for any queries’.

Sudley Primary School

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