

WET POUR SAFETY SURFACING



Elastomeric Products for Industry

SAFETY SURFACING SPECIALISTS



HIGHLY VERSATILE PROTECTION

- Highly Durable Surface
- Wide Range Of Attractive Colours
 - Excellent Fall Protection
 - Easy To Install & Maintain
 - Environmentally Friendly
- Incorporate Intricate Designs

TECHNICAL INFORMATION

SPREADING RATES PER M²

Total Surface	Black Base Layer (SBR)			Coloured Wearing Layer (EPDM)		
	Depth (mm)	SBR 2-6mm (kg)	Binder @ 10% (kg)	Depth (mm)	EPDM 1-4mm (kg)	Binder @ 18% (kg)
40mm depth	20	16	1.6	15	15	2.7
50mm depth	30	21	2.1	15	15	2.7
60mm depth	40	26	2.6	15	15	2.7
70mm depth	50	31	3.1	15	15	2.7
80mm depth	55	35	3.6	15	15	2.7
100mm depth	60	45	4.6	15	15	2.7

TECHNICAL PERFORMANCE

Technical Property	Specification
Surface Thickness	8mm to 110mm
Surface Design	Trowel or Machine Finish
Hardness	65 to 70 (Shore A)
Permeability	Porous
Abrasion	RV32 (DIN18032/6)
Dimensional Stability	98%
Tensile Strength	>1.2 n/mm ²
Elongation At break	>120%
Effect Of Lit Cigarette	Non-combustible
Ball Rebound	98%
Sliding Resistance	Dry 86 (BS7188:1988) Wet 45 (BS7188:1988)
Type Of Surface	Jointless - cast in - situ
NCO Content	Binder 8.0% to 9.5%
Specific Gravity	EPDM 1.50 to 1.60 Binder 1.07 @ 200c
Viscosity	- POLY46 - POLY811 2200 - 3600 mpas @ 250c 3200 - 4600 mpas @ 250c

UV RESISTANCE

EPDM Colour	1000 hrs Grey Scale
Red	4-5
Earth Yellow	4
Eggshell	4
Beige	4
Light Grey	4
Dark Grey	4
Green	3-4
Blue	3-4
Light Blue	3-4
Orange	3-4
Light Green	3
Purple	3
Bright Yellow	3

These values are for the EPDM without binder, measured on a standard grey scale after 1000 hours exposure to UV light. This is equivalent to 3 - 7 years of normal wearing. A reading of 5 means there is no change to the colour.

WET POUR COSTS

HOW MUCH DOES WET POUR COST?

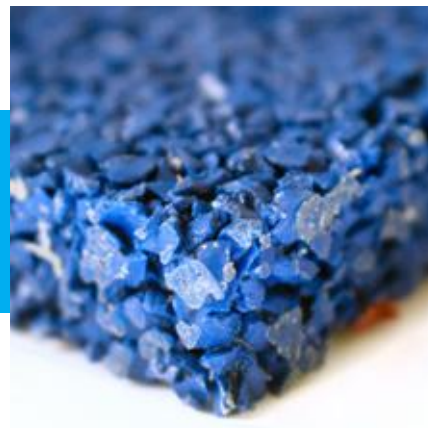
There are a number of factors which can affect the price of wet pour, but there are two key factors to consider when calculating the price. The main factor which can alter the price is the size of the installation area. As you can imagine, a larger area will cost more than a smaller area. However, the price per metre squared for a larger area can be cheaper due to the economies of scale. Another key factor which can affect the price of wet pour is the color of the EPDM granules. Black is always cheaper as standard as this colour doesn't require a dying process.



CALCULATING THE COST PER M²

We always try to ensure that you have the correct amount of materials needed to cover your chosen area. The more information you give us, the more accurate the quote will be. When sending enquiries please try to include information such as:

Total area in m² -	The total size of the area you wish you cover
Surface colour -	You can use as many or as few colours as you want
Critical fall height -	The amount of protection needed under play equipment, etc
Obstacles & graphics -	Will the wet pour be installed around existing play equipment
Installation location -	The project address will help us calculate delivery costs
Ease of access -	Can we easily get the necessary vehicles and equipment on site
Surface level -	Is the ground flat, sloped or does it feature steps
Current surface type -	Grass, concrete, tarmac, etc
Edge of surface -	What will the wet pour be installed against i.e wall, timber, etc
Drainage -	Does the area easily drain water, or does it become water logged
Photos of area -	This gives us a visual idea of any preparation that will be needed



WHY NOT D.I.Y?

Installing a wet pour safety surface couldn't be easier. Smaller areas can be covered in less than an hour, and will be completely dry in 24 hours. Aside from the wet pour materials we can also supply all of the equipment needed to create a professional standard surface.

Creteangle Mixer

We offer a range of different size mixers for both small and large jobs. The mixer is engine powered to take all of the effort out of mixing.

Wet Pour Rollers

These rolls are perfect for quickly and easily creating a smooth surface. The long handle also enables you to reach difficult areas. This tool is available in a range of widths to suit you.

Wet pour Trowel

This long-nosed trowel enables you to easily achieve a smooth surface finish in tight, intricate areas. Perfect for use around graphics and along the edge of the surface

Roller Tray

This lightweight tray is highly durable and able to contain both the release agent and light solvent.

Drum Trolley & Stand

Our drum trolley and pouring stand can hold 250kgs worth of material. It enables you to quickly pour the material on the desired surface, which makes it much easier to install.

Drum Tap

Designed for use with our drum, the tap is ideal for easily dispensing viscous fluids. It gives you easy flow control and can also be dismantled for easy cleaning and storage.



CRETEANGLE MIXERS

FORCED ACTION PAN-TYPE MIXERS

Benefits:

- Designed specifically for rubber
- Suitable for mixing low density, light-weight materials
- Complete with mixing pan
- Robust steel construction
- Safety guarding to head, pan as well as motor, engine and gear box
- Replacement parts readily available
- CE approved

Technical Data:

Total Pan Volume: 190 litres, 6.75 cu.ft
recommended mix capacity - 112 litres, 4 cu.ft

Motor: 380/415V, 220/240V or 110V, electric motor or petrol engine

Dimensions: Mixer as illustrated, 1460 x 1120 x 1300mm. Pan size - 760mm dia, 410mm deep

Nett Weight: 375kg, 430kg

Note: Electric cable form starter box to customer's source of supply not included. Other voltages and 60Hz to special order



OTHER MODELS ARE AVAILABLE



INSTALLATION GUIDE

1

Prepare Sub Base

Wet pour can be laid over solid sub-bases such as concrete, asphalt, timber, steel as well as natural ground surfaces. However, it can't be installed over soft sub-bases like sand for example. It is important to remove grass and debris in order to ensure you get as smooth a surface as possible. For best results on natural ground surface we recommend using a roller to create a level surface.

Add and Mix Binder

Empty the contents of the EPDM granules into the mixing bucket and pour the binder in. Mix the binder into the granules until it forms a uniform, wetted mixture. For the best results we recommend using a paddle style mixer. You can mix multiple batches consecutively and combine different colours in order to create a speckled finish.

2

3

Empty Contents onto Desired Area

Once fully mixed, empty the contents of the bucket directly onto the desired installation area. For the best results we recommend pouring into the centre of the installation area and working outwards.

Prepare Tools

Before using any trowels or rollers it is important to spray them with lubricant and reapply as required. This enables the tools to slide over the wet pour without sticking to the surface. The lubricant can also be used to clean the tools after the installation process is complete.

4

5

Shape and Smooth Materials

Using the lubricated tools spread the wet pour materials around the desired installation area. Try to ensure the materials are distributed evenly as this will make smoothing easier. You can gently press down on the surface using a trowel or roller to create a firm, compact surface.

Finishing and Curing

You can use a long metal or timber block to define a smooth surface and catch any uneven areas. Once you are happy with the surface you can round down the edges using the lubricated trowel for a smooth edge. Leave to cure for 24 hours, subject to weather conditions. Once dry you can enjoy your new outdoor area.

6



WET POUR MAINTENANCE



ROUTINE MAINTENANCE

Regular maintenance checks will ensure that the wet pour surface delivers consistent and expected performance.

- Remove any debris from surface
- Ensure that only appropriate footwear is worn, no high-heeled shoes, studs, etc
- Checking for signs of damage and repairing potential damage quickly

WEEDS

Over a period of time, weeds may appear on the surface of the wet pour. Smaller weeds can usually be removed by hand without causing damage to the surface. Weeds that have rooted in the wet pour surface should only be removed using domestic weed killer. Under no circumstances should an oil based weed killer be used as this can deteriorate the surface.

SURFACE CLEANING

It is important to regularly remove any vegetation found on the surface. The vegetation can rot which enables algae, moss and weeds to grow which can deteriorate the surface.

REMOVING STAINS

Most stains caused from day to day use can be quickly cleaned using a mixture of warm water and washing up liquid. Stubborn stains can be removed by lightly using a soft brush.

COLD CONDITIONS

The wet pour surface will not be damaged by snow and ice. It will melt, allowing the water to slowly permeate through the surface. You should not use a metal shovel or scraper to remove the snow. Also, avoid using chemical de-icers as this can damage the surface.



MAINTENANCE SCHEDULE



WEEKLY STEPS

Quick visual checks to identify and remove leaves, rubbish and debris from the surface reduces potential tripping hazards and enables the wet pour to function to its fullest potential. You should regularly inspect the surface for damage and repair quickly to minimise spread and maintain safety properties.

We recommend cleaning the surface with warm water and washing-up liquid.



BI-ANNUALLY

Ensure that the surface is stable and maintained particularly around the areas which require fall protection. Many deteriorated areas can be easily repaired using a repair kit. Also check and remove any vegetation which may have grown.

Check for any stains caused by food, shoe marks and animal waste. These stains can be removed by cleaning the surface using warm water mixed with washing-up liquid.



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