

EPOXY EFFECTS



EPDM RUBBER GRANULE SYSTEM



PRODUCT DESCRIPTION

EPOXY EFFECTS EPDM RUBBER GRANULE KITS

Epoxy Effects EPDM Rubber Granule Kits have been designed with safety in mind. Rubber Granules are mixed with Our Epoxy Effects Slow Setting or Fast Setting Wetpour Binder to create impact absorbent playgrounds, play areas and multi-use activity spaces.

Epoxy Effects EPDM Rubber Granules are available in a wide variety of colours and blends allowing you to create graphic designs such as letters, numbers, cartoons, scenery, games, messages and more.

RECOMMENDED USAGE

INTERNAL/EXTERNAL

Playgrounds, Play areas, Multi-use activity spaces, Gyms.

STORAGE OF BINDER

Dry conditions > 3°C to < 35°C

Shelf life of 6 months for sealed containers

(Avoid storing part used containers)

STORAGE OF GRANULES

Dry Conditions.

HOW TO USE

Preparation is the key to any successful installation. The ground is prepared and levelled prior to laying the initial base surface.

Here, a 35mm layer of SBR base is used followed by a 15mm layer of coloured EPDM. It can then be cut and shaped into patterns or different colours can be laid up against the next colour.

Base layers typically contain 8% to 10% binder by weight of finished bound product and the topping 18% to 22%. Care must be taken to prepare the substrate and ensure clean, dry working conditions.

PERSONAL PROTECTION

Whenever handling & pouring resin.

You should wear appropriate eye protection and gloves

BASE 35mm

Resin Binder	2.33Kg
EPDM SBR Granules	23.3Kg

TOPCOAT 15mm

Resin Binder	2Kg
EPDM Colour Granules	10Kg

Overall 50mm m ²	1m ²
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TECHNICAL SPECIFICATION

Surface Thickness	8-110mm
Surface Design	Trowel or Machine Finish
Hardness	65 - 70 Shore A
Permeability	Porous
Abrasion	2 – 3 Hours
Dimensional Stability	98%
Tensile Strength	>1.2n/mm ²
Elongation At Break	>120%
Effect Of Lit Cigarette	Non Combustible
Ball Rebound	98%
Sliding Resisistance	Dry - 86 Wet - 45
NCO Content	Binder 8% to 9.5%
Specific Gravity - EPDM	1.50 to 1.60
Specific Gravity - Binder	1.07 @ 200c
Viscosity - Premium Fast Set Binder	3200-4600 mpas : 250c
Viscosity - Premium Slow Set Binder	2200 - 3600 mpas @ 250c

MAINTENANCE OF SURFACE

Routine maintenance will ensure that the playing surface is kept clean and delivers consistent performance.

Essential preventative steps

- Sweeping leaves and other detritus from the surface
- Brushing the surface to prevent any accumulation of an impervious skin on the surface that may impair drainage.
- Ensuring that only appropriate footwear is used on the surface, high heeled shoes, studs and spikes are not appropriate.
- Inspecting surface for signs of damage and arranging remedial repairs promptly

Keeping the Surface Clean

Leaves, flowers, pine needles and other detritus should not be allowed to remain on the surface for any length of time. These rapidly rot down forming a drainage-inhibiting 'skin' within the surface and providing a growing medium for algae moss and weeds.

Stain Removal

Most stains are easily removed with a solution of hot (not boiling) water and household detergent, such as washing-up liquid. The removal of chewing gum is achieved using a freezing aerosol. Heavy oil marks are removed with a cloth and methylated spirits.

Weeds

No matter how much care is taken weeds may appear on the surface usually as a result of wind blown seeds. Small numbers of weeds may be removed by hand without damaging the surface. Localised areas of self-set weeds can be treated with domestic weed-killers without causing damage to the surface. Oil based weed-killers must not be used.

Snow & Ice

Snow and ice are not harmful and can safely melt through. Brushes or rubber edged scrapers must be used to remove snow. Metal shovels and scrapers will damage the surface and must not be used; neither should chemical de-icing agents be used. If heavy rain falls immediately after a very cold spell, the surface may become icy for a few hours. Do not worry, the ice will soon melt and the surface will then drain normally.

MAINTENANCE SCHEDULE

Weekly

Clear leaves, rubbish and debris from the surface; dealing with any new weeds, moss or algae. Inspect the whole surface for signs of damage, seek advice from the manufacturer as required.

Twice a Year

Check for moss and algae growth, food stains, shoe marks and clean as appropriate. Inspect the whole surface for signs of damage.



OTHER PRODUCTS AVAILABLE

CHECK OUT OUR WEBSITE FOR FULL
RANGE OF ALL OUR PRODUCTS.
WWW.EPOXYEFFECTS.COM

EPOXY EFFECTS COUNTERTOP RESIN KITS

Our two-component 1:1 CounterTop Epoxy system is was designed to deliver an advanced level of shine, clarity and depth and locks in optical qualities of natural wood and art. Used in a variety of applications such as : Counter Tops, Bar Tops , Furniture, Art Work and other applications requiring a strong, durable plastic coating.

Crystal-clear, Excellent UV resistance, Self-Leveling, Self-Degassing, 100% VOC-free, 100% solid and odour free.

EPOXY EFFECTS UVR RESIN BOUND / BOND KITS

Our two-component 2:1 Internal Epoxy Floor system is 100% VOC-free, 100% solid and odour free. Specially formulated for Excellent UV Protection, Scratch Resistance, long pot life and working time.

EPOXY EFFECTS DEEP POUR KITS

Our two-component 3:1 Deep Pour Casting system is Crystal Clear, UV resistant, High Strength & Hardness.

EPOXY EFFECTS INFINITY FLOOR KITS

Here at Epoxy Effects we have designed our Infinity Internal Floor Range with some of the finest crushed stone including Marbles, Granites & Quartz.

Our full kit allows you to have all the advantages of our Epoxy Effects UVR Resin Bound / Bonded Kits with our seal coat to create a unique floor with high gloss shine.

TOOLS & ACCESSORIES

Here at Epoxy Effects we strive to become a one stop shop for everything resin and our Tooling & Accessories Range is growing every day. Here you can find everything you need to complete your project start to finish.

