

DynaCushion 2" Wear Mat With Anchors Product Specification Installation



Designed specifically for use under playground equipment, high traffic areas, limit the loss or displacement of loose fill in kick out areas on the playground. DynaCushion Wear Mats offers a unique combination of shock attenuation, low maintenance, long wear, and accessibility.

Specifications		Physical Properties		
	Critical Height	Test Description	Test Ref.	Results
Dimensions (+/- 1/4")				
2" thick x48"x72"	6'	Wear Resistant	ASTM 3884	Passed
2" thick x48"x48"	6'	Slip Resistant	ASTM F-1677	Passed
2" thick x48"x36"	6'	Non Flammable	ASTM 2859	Passed
2" thick x48"x24"	6'	Non Toxic	ASTM 2075	Lead: Not Detected

Standard Colors



Accessibility

DynaCushion Wear Mat meets the requirements of ASTM 1251-99, Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment.

Recommendations For Installation

Tools and Equipment Necessary for Installation

- Chalk Line
- Carpenter's Square
- Rubber Hammer
- Measuring Tape
- Paint Marker
- Square-Notched Trowel- 1/8"
- Rubber Gloves
- Saw

Adhesive Recommendations

DynaGrip- Gun Grade Approximate Coverage Edge Only Coverage 80 Ft.

DynaGrip - 5 Gallon pail Approximate Coverage 85 sq.ft. /Gallon

DynaGrip adhesive is to be troweled into place (thick film) onto the asphalt or concrete base surface. Store adhesive in a dry place. Do not subject adhesive to freezing temperatures under any conditions.

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Prior to Installation

DynaCushion Wear Mats for this installation have been shipped to you on pallets with the tiles shrink wrapped. Please inspect the exposed edges for any damage. Next confirm shipment to packing list, note on the Bill Of Lading or Delivery Receipt, before signing, any damages or discrepancies.

Installation Surface

DynaCushion Wear Mats may be applied to concrete, asphalt, compacted crushed gravel. (Hard Surface)

Sub Surface Requirements

All sub surfaces should be properly excavated and applied to insure:

Sub surface drainage.

Non-Separation of concrete layers.

Prevention of Heaving due to freeze/thaw or unstable ground conditions.

The stabilization of the sub surface is the sole responsibility of the installer and/or owner.

Sub surface installation should assure good drainage of the area by either a well-defined gradient of the surface or well-placed drainage pipe in lower spots of the installation.

Excavate an area either 4'x6', 4'x4', 4'x3', 4'x2' in size 6" depth for each mat you are installing.

Fill excavated area with 4" depth of pea gravel or crushed stone, make sure the gravel is level throughout the area.

Concrete SubSurface

Concrete surfaces must be thoroughly cured and free from hydrostatic pressure before installing DynaCushion Wear Mat (28 days after pour).

All surfaced should be flat, level, clean, and dry before applying adhesive for installation. The concrete finish should be reasonably smooth to reduce the amount of DynaGrip adhesive required.

Concrete surface should be free from paint, dirt, oil, or other surface contamination before applying DynaGrip adhesive.

Any separation of concrete layers, heaving, etc. is the sole responsibility of the installer and/or owner.

Assure good drainage of the area by either a well defined gradient of the surface or well placed drainage pipe in lower spots of the area.

Asphalt Sub Surface

Asphalt sub surface must be hard, level, and free of grease, oil, and other contaminants. Avoid installation on new asphalt until surfaces oil has had time to dissipate (30 days after compacting) and drainage can be evaluated.

Any separation of asphalt or blacktop layers, heaving etc. is the sole responsibility of the installer and/or owner.

Insure good drainage of the area by either a well-defined gradient of the surface or well-placed drainage pipe in lower spots of the area.

Crushed Gravel

Compacted gravel surfaces are the sole responsibility of the installer/owner to provide a stable compacted sub surface with proper drainage.

Standard sub surface of 6" minimum medium to coarse crushed gravel (3/8" minus) moisten and compacted to 95% proctor.

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A 1/4" graded medium sand compacted should be used to smooth the surface. A geotextile filter cloth is then put over the top of the compacted surface. A 12" overlap on all joints is required. Secure joints with duct tape or mono compound adhesive. The installation should be recessed the depth of the DynaCushion plus a minimum 4" of compacted gravel as described above. An edging of DynaCurb edging or comparable edging must be able to contain the DynaCushion Wear Mats in place. The DynaCushion should then be glued to the geotextile cover fabric, by applying DynaGrip adhesive to ribs of the DynaCushion and edges.

Please Note: ALL STAND ALONE SURFACING INSTALLATION MUST HAVE A PERIMETER TO BE ABLE TO WEDGE THE TILES TOGETHER FOR A UNIFORM FIT.

Surfacing Layout

Lay DynaCushion (transition pieces if required) from the further corner along base edge in two directions. (90 Degrees) Perimeter must be secured before installation of DynaCushion begins. Lay out the rest of the installation. Keep edges straight and aligned horizontally and vertically. Lay perimeter out first then continue with installation wedging tiles tight together.

Installation of Surfacing Product

Once installation layout has been completed, and the perimeter is secure. Install balance of surfacing. Interior surfacing edges must be totally adhered (glued) together to create a continuous floating floor. If tiles are sunk in below adjoining surfaces to create a flush finish elevation, the last row of tiles should be cut 1" oversize and wedged into opening so that all tiles are tightened up across the site.

Disclaimer

The DynaCushion Wear Mat must have a color or UltraSeal application during manufacturing or be covered with at least 2" of wood fiber, rubber mulch, etc. or that of the same.

The installation guidelines represent a typical installation and generally accepted installation practices should be followed. Use of a trained installation professional is recommended for best results.

Pierceton Rubber Products, Inc. does not warrant any installation work and specifically disclaims liability for any direct or indirect personal injury, property damage or other costs or losses resulting from incorrect or inadequate installations.