



Laykold®

Cushion Plus System

1. General Description

Laykold Cushion Plus offers a series of industry leading, liquid applied, cushioned hard court surfacing systems. Laykold Cushion Plus Granule rubber and Laykold Cushion Plus Powder rubber are encapsulated in Advanced Polymer Technology's (APT) resilient proprietary binder. Based on the Cushion Plus system, specified layers of Cushion Plus Granule and Cushion Plus Powder are squeegee and/or spray applied to create elastic, shock absorbing layers for more comfortable play and a more enjoyable post play experience.

All components of the Laykold Cushion Plus system are environmentally friendly and free of Asbestos, Lead, and Mercury.

LAYKOLD CUSHION PLUS SYSTEMS

- 1 application of Laykold Acrylic Resurfacer
- 2-4 applications of Laykold Cushion Plus Granule
 - Cushion Plus Standard system: 2 applications
 - Cushion Plus Xtreme system: 3 applications
 - Cushion Plus Supreme system: 4 applications
 - **Cushion Plus Force with Micron Technology:** See Cushion Plus Force specification and Cushion Plus Micron Technical Data Sheet (TDS) for details.
- 3 applications of Laykold Cushion Plus Powder
- Optional: 1 application of Laykold NuSurf
- 2-3 applications of Laykold ColorCoat Concentrate, Advantage Laykold, or Laykold ColorFlex as specified.

Laykold Cushion Plus Granule is a Latex-based emulsion product fortified with 0.5-1.5 mm EPDM rubber granules and acrylic fiber to add resiliency and strength to a hard court surface.

Laykold Cushion Plus Powder is a latex-based emulsion fortified with 0.0-0.5 mm EPDM rubber powder. It is designed for use with Laykold Cushion Plus Granule applications. The smaller Cushion Plus Powder rubber and acrylic fibers fill voids created during Cushion Plus Granule applications while smoothing and strengthening the shock absorbing layers.

Features and Benefits

- ✓ Adds resiliency to hard court surfaces
- ✓ 4 available comfort levels
- ✓ Manufactured in USA to ISO 9001 standards
- ✓ Large selection of topcoat colors
- ✓ Environmentally friendly



Laykold ColorCoat Concentrate, Advantage Laykold (factory textured) and Laykold ColorFlex color systems as specified may be used to surface the Laykold Cushion Plus system. All Laykold color systems are available in twelve (12) factory colors: Forest Green, Dark Green, Medium Green, Grass Green, Burgundy, Red, Beige, Grey, Dark Blue, Pro Blue, Light Blue, and Royal Purple. Color prices vary. Custom colors are available on request. Color matching fee applied.

Basic use: Designed to provide hard court cushioning for a more enjoyable playing experience.

2. Safety Guidelines

Always wear the recommended personal protective equipment. Avoid contact with eyes, skin and clothing.

3. Storage and Packaging

All components of the Laykold Cushion Plus system should be kept cool and dry.

Packaging: Laykold Cushion Plus Granule and Cushion Plus Powder - 55 gallon drum (212 kg)

4. Coverage

Granule Cushion Coat (0.5-1.5 mm) coverage averages approximately 0.20 gal/yd² (0.91 kg/m² or 45 ft²/gal) per application of undiluted material.

Powder Cushion Coat (0-0.5 mm) coverage averages approximately 0.12 gal/yd² (0.61 kg/m² or 75 ft²/gal) per application of undiluted material.

Coverage may vary slightly based on substrate texture, application technique, and weather conditions.

5. Installation Guidelines

When diluted with water, each material must be mixed thoroughly until consistent. The amount of water added may vary slightly due to temperature and weather conditions. The mixed products shall be applied to the surface using a soft, rubber squeegee. DO NOT add silica sand to Cushion Plus Granule or Powder. The finished applications shall have a uniform appearance and shall be free from any ridges. NOTE: Please be very careful that each coat is completely cured before applying the next coat. If water is trapped between layers, peeling and bubbling may occur.

CUSHION PLUS GRANULE Batch Mixture

55 gallons of Granule Cushion Coat (0.5-1.5 mm)

20-24 gallons of clean water





CUSHION PLUS POWDER Batch Mixture

55 gallons of Powder Cushion Coat (0-0.5 mm)

20-22 gallons of clean water

6. Limitations

- Do not apply when surface temperatures exceed 130°F (54°C).
- Do not apply when temperatures are below 50°F (10°C) or when rain is imminent.
- Do not allow to freeze.
- Do not over dilute with water.
- Drying time of at least 5 hours between Cushion Plus applications. Additional drying time is needed for indoor applications and when in the shade.

7. Technical Data

Results based on temperature of 77°F and 50% Humidity

Cushion Plus Granule		
		0.95-1.05 g/cm ³
		30,000-40,000 cPs
Cushion Plus Powder		0.95-1.05 g/cm ³
	When mixed with water	4,400-84,000 cPs

Above figured are guide values and should not be used as a base for specifications.

Consult the Safety Data Sheet (SDS) for more details.

For complete and latest warranty and product information, please visit www.advpolytech.com

