



Cushion Plus Micron

Features and Benefits

- ✓ Fast drying formulation.
- ✓ Reduces labor & material costs
- ✓ Creates durable, highly resilient shock pad
- ✓ Adjustable levels of comfort
- ✓ Various methods of application

1. General Description

Laykold Cushion Plus Micron is a latex-based emulsion fortified with 105 micron SBR rubber and cellulose fiber to add resiliency to a hard court surface. The high density, fast drying formulation reduces cushion consumption and application time while greatly improving force reduction properties for a more enjoyable playing experience. Cushion Plus Micron can be applied up to 2.6-mm thick (wet) using a notched squeegee, Swedish knife, notched trowel, 50-durometer squeegee, or it can be sprayed. A 2-mm cured thickness (3-applications) of Cushion Plus Micron produces up to twice the force reduction/cushioning properties of traditional 5-coat (2-coats Granule, 3-coats Powder) application systems. Laykold Cushion Plus Micron does NOT contain asbestos, lead, or mercury and is manufactured by Advanced Polymer Technology according to ISO-9001 Quality Management Certification procedures.

LAYKOLD Cushion Plus Micron System

- 1-application 2.6-mm wet thickness with a notched trowel
- 2-applications with 50-durometer Squeegee

Laykold Cushion Plus Micron system can be color coated with the Laykold ColorCoat, Advantage Laykold, or Laykold ColorFlex surfacing systems (recommended). Please refer the chosen color coating system's specification and installation guidelines for color coat application details.

Basic Uses: Designed to provide a cushioning layer (shock pad) to asphalt and concrete substrates.

2. Safety Guidelines

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

3. Storage and Packaging

Laykold Cushion Plus Micron should be kept dry and cool.

Packaging: Laykold Cushion Plus Micron - 55 gallon drum (212kgs/drum)



4. Coverage

Laykold Cushion Plus Micron undiluted consumption rate over filled and smoothed asphalt or concrete substrates averages approximately 0.56 gals/yd² (2.8 kgs/m² or 16 ft²/gal) per 2.6-mm wet application. Coverage may vary depending on substrate texture.

5. Installation Guidelines

When diluted with water, each material must then be mixed thoroughly until consistent. The amount of water added may vary slightly due to temperature and weather conditions. The mixed product shall be applied to the court surface using a 50-durometer squeegee, notched squeegee, notched trowel, Swedish knife, or professional quality spray equipment. Do NOT add silica sand to Laykold Cushion Plus Micron. 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 BATCH MIXTURE

55 gallons of Cushion Plus Micron
10 gallons of clean water

6. Limitations

- Do not apply when surface temperature exceeds 130°F (54°C).
- Only apply Laykold coatings when temperatures are 50°F (10°C) and rising.
- Do not apply when rain is imminent or when high humidity prevents proper drying.
- Do not allow to freeze.
- Do not over dilute with water.
- Allow a drying time of at least 5 hours between Cushion Plus Micron coats. More drying time is needed for indoor applications.

7. Technical Data

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

Cushion Plus Micron		
Density		1.05 – 1.15g/cm ³
Viscosity		14,500 - 17,500 cPs
Force Reduction		2-4% per 1 mm

Above figures 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

