

Acrylic Color System Product Specification

Description and Usage

Latex-ite® Acrylic Color is a fortified, non-fading, weather-proof, 100% acrylic coating for use on plant mix asphalt, emulsified asphalt and suitable concrete surfaces. Latex-ite® protects the underlying surface from weather and climactic conditions. Made of acrylic resins, mineral fibers and colorfast pigments, Latex-ite® Acrylic Color provides a tough, durable surface of uniform texture that remains flexible. Latex-ite® Acrylic Color was specifically designed for use on outdoor and indoor tennis courts, basketball courts, high traffic recreational areas and various other usages. The finished texture can be varied easily by controlling the amount of fine mesh silica sand aggregate which is added to the Latex-ite® Acrylic Color at the project site. Unlike other acrylic surfacing systems, each coat of Latex-ite® Acrylic Color, is fully pigmented, resulting in richer, longer lasting, in-depth color.

Features and Benefits

- Non-Fading Weather-Proof Formula
- Fast Drying
- Remains Flexible
- Fully Pigmented, 100% Acrylic
- Eco Friendly

Coverage

Coverage will depend upon the porosity of the surface to which the Latex-ite® Acrylic Color System is applied.

	Undiluted Material Per Sq. Yard	Diluted Material Per Sq. Yard
1 st Filler Coat	.05	.08 - .1
2 nd Filler Coat	.05	.08 - .1
Finish Coat	.04	.08 - .1

Mix Design

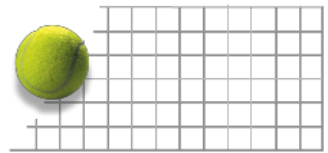
The Latex-ite® Acrylic Color is mixed at the project site with clean, dry 80 -100 mesh silica sand and potable water to obtain the consistency desired for texture, aesthetics and performance. The material must be thoroughly mixed to insure a uniform consistency. The table below gives the amounts of water and silica sand which may be added to the Latex-ite® Acrylic Color.

Product Description	Filler Coats	Finish Coat
Latex-ite® Acrylic Color	55 gallons	55 gallons
80 - 100 mesh, clean, dry Silica Sand	200 - 450 lbs.	0 - 200 lbs.
Potable Water	30 - 40 gallons	30 - 40 gallons
* If the project is an indoor installation, it is recommended that no Silica Sand be added to the Finish Coat.		

Drying Time

30 to 90 minutes under optimum conditions. Humidity, surface temperature and ambient temperature will affect drying process.

Note: Mix Design may need to be adjusted according to humidity, ambient temperatures and surface porosity.



Application Methods

Refer to the Court Surface Guidelines for surface preparation procedures. The Latex-ite® Acrylic Color System is applied in three separate applications and is accomplished by use of a 24" to 48" long, flexible, 50 to 70 durometer, rubber squeegee of good quality and in good condition. The first two coats are filler coats. The first coat will be applied in a perpendicular direction to the playing net. The second coat and finish coat will be applied parallel with the playing net. Each application must thoroughly dehydrate before application of succeeding coat. The entire surface shall be checked for ridges and imperfections after each filler coat and scraped smooth and cleaned of all loose debris. Care must be taken to insure a smooth and uniform texture, free from ridges and tool marks, as the final coat is not to be scraped. An economy color system, that can be applied to existing courts in good condition, would consist of one filler coat and one finish coat. The application method would remain the same.

Limitations and Precautions

- Latex-ite® Acrylic Color should not be applied when ambient temperature is below 50° F or when surface temperature is above 140° F.
- Do not apply when rain is imminent.
- Do not store in direct sunlight.
- Keep from freezing.
- Latex-ite® Acrylic Color should be allowed to cure for 24 hours before courts are opened for use.
- New asphalt should cure for at least 14 days; concrete shall cure for 28 days.
- Concrete must be acid washed and sealed prior to coating with Latex-ite® Acrylic Color
- Latex-ite® Acrylic Color will not prevent structural cracking from occurring.
- Do Not apply over Coal Tar emulsions