

SYSTEM SPECIFICATION

RESITOP

100% acrylic coatings for recreational and sport surfaces

1. DESCRIPTION

Resitop System is a multiple product, colour surface treatment. It is based upon the proper application of successive textured and finishing coats. When applied over asphalt and concrete surfaces, it provide an aesthetically pleasing all-weather surface to tennis courts, basketball courts, sidewalks, bikeways, and etc.

Resitop´s high volume utilization of quality pigments and 100% acrylic resins ensures system durability, and features flexibility and fade resistant colours.

Generally, applied in three coats, two filler coats and one finish coat over a properly constructed dense and sealed asphalt or concrete with adequate drainage.

As an upgrade the standard hard court surface colour treatment, Resitop System offer the resilient Flexitop cushion option, applied in three or mores coats.

Flexitop create a shock absorbing, safe, comfortable and tireless playing surface.

2. USES

The surface to be coated shall meet the Asphalt and Concrete specification of the U.S. Tennis Court and Track Builders Association. Resitop Systems are according to the Study on Performance Standards for Tennis Court Surfaces published by the International Tennis Federation.

- Tennis Courts
- Multi – purpose sport areas
- Basketball Courts
- Sidewalks
- Bikeways

3. APPLICATION

The products application in the systems is using a rubber squeegee in multiple coats parallel or perpendicular to the net line.

4. DRYING TIME

From 30 minutes to one hour at 25° C with 50% relative humidity.
Indoor application require good ventilation
Used for play 24 hours after completion

5. COLOUR RANGE

Standard colours:

Red, Dark Green, Light Green, Dark Blue, Light Blue, Beige, Gray and Violet

6. LIMITATIONS

Apply only to properly cured and prepared surfaces.
Do not apply if surface temperature is less than 10° C.
Use only potable clean water in the mixes.
Do not store in direct sunlight.
Keep containers tightly closed when not in use, and protect from freezing.

7. PRODUCTS

Resitop System comprises a complete coatings and companion products formulated for professionals in order to do the best recreational colour surface job.

7.1 SURFACE PREPARATION PRODUCTS

Product	Description	Technical Data
Topseal	Acrylic emulsion and silica sand slurry, to provide a sealed asphalt surface	PA 403
Resurfacer	Acrylic emulsion for job mixing with silica sand and water for filler coats	PA 405
Resurfacer Premix	Acrylic emulsion with silica sand incorporated to be job mixed with water only for filler coats	PA 406
Crack Filler	Ready to use acrylic mortar designed for fill minor cracks	PA 408
Patch Binder	Acrylic formulation designed to be mixed with Portland Cement and Silica Sand for the patching and levelling of surface depressions	PA 407
Fetadit PA 47 / 2C	Two components water base epoxy concrete primer	PA 409

7.2 FINISH SURFACE COATINGS

Product	Description	Technical Data
Premix	Textured colour Finish	PA 402
Flexitop (Cushion)	Resilient subsurface rubberized coat	PA 404
Concentrado	Multi Purpose colour finish component	PA 401
Pitaline	Interior and exterior line marking acrylic paint	PA 409

8. RESITOP SUGGESTED SYSTEMS

Installation over new standard asphalt, systems with cushion

Resitop Cushion Prestige

- 1 coat Topseal
- Check the surface planarity and patch with Patch Binder if is necessary
- 5 coats (Flexitop + Concentrado)
- 2 coats Premix
- 1 coat Concentrado or Premix

Resitop Cushion Standard

- 1 coat Topseal
- Check the surface planarity and patch with Patch Binder if is necessary
- 3 coats (Flexitop + Concentrado)
- 2 coats Premix
- 1 coat Concentrado or Premix

Installation over new standard asphalt, no cushion systems

Resitop Standard

- 1 coat Topseal
- Check the surface planarity and patch with Patch Binder if is necessary
- 1 coat Resurfacer Premix
- 2 coats Premix
- 1 coat Concentrado or Premix

Resitop Economic

- 1 coat Tonsel colour
- Check the surface planarity and patch with Patch Binder if is necessary
- 2 coats Premix

Re – coat over asphalt base surfaces

- Pressure washing with water , remove any lose material and repair cracks and depressions with Crack Filler and Patch Binder
- 1 coat Resurfacer Premix
- 2 coats Premix
- 1 coat Concentrado or Premix

Installation over standard Concrete

Resitop Concrete

New Concrete require a minimum of 28 days to cure.

- Acid Etch and remove acid residue with pressure water
- Check the surface planarity and patch with Patch Binder if is necessary
- Prime with Fetadit PA 47 / 2C
- 2 coats Premix
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9. APPLICATION RATES PER COAT (UNDILUTED)

Pruduct	Approximate Rate, kg/m2
Topseal	2,00 kg/m2 over standard asphalt mix
Resurfacer Premix	0,8 kg / m2 over Topseal 1,2 kg / m2 over very dens asphalt mix
Premix	0,42 kg/m2 over Resurfacer Premix 0,45 kg/m2 over Flexitop 0,60 kg/m2 over Topseal
Concertado (no textured finish coat)	0,250 kg/m2
Flexitop (Cushion)	0,5 kg/m2 Flexitop + 0,1 kg/m2 Concentrado