

CHEMGUARD-RESURF

ACRYLIC SPORTS FLOORING BASE / INTERMEDIATE COAT

**TECHNICAL
DATA SHEET**

ACRYLIC RESURFACER WITH FINE SAND FOR SPORTS FLOOR SYSTEMS

CHEMGUARD-RESURF is an acrylic based, fine sand reinforced resurfacing / base coat used as an intermediate coat in acrylic sports flooring systems. It smooths and seals the surface, provides abrasion resistance and improves adhesion of the final acrylic coatings.

DESCRIPTION

CHEMGUARD-RESURF is a high quality acrylic resurfacer containing fine quartz sand and special additives. It is designed to fill minor surface irregularities, seal pores and create a uniform, durable base for acrylic sports court coatings. Its fine sand formula offers excellent abrasion resistance and long term performance under outdoor conditions.

FEATURES & BENEFITS

- ✓ Fine sand (quartz) reinforced for abrasion resistance
- ✓ Smooths and seals surface porosity
- ✓ Improves adhesion of subsequent acrylic coatings
- ✓ High durability for outdoor sports surfaces
- ✓ Easy application by brush or airless sprayer
- ✓ Grey colored for better coverage and uniformity

TYPICAL USES



Tennis, Basketball, Volleyball, Handball, Football and other outdoor sports courts.

SUBSTRATE REQUIREMENTS

A. ASPHALT SURFACE

- Asphalt must be minimum 30 days old.
- Slope: 0.7% - 1%
- Laid in one layer (6 - 8 cm thick) on well compacted 150 mm road base.
- New road grade asphalt (min. 60 mm in one layer with coarse aggregates up to 15 mm).

B. CONCRETE SURFACE

- Concrete must be minimum 30 days old.
- Surface must be smooth, power troweled without cracks.
- Slope: 0.7% - 1%
- Moisture content should be below 4%.
- No rising humidity.
- Joints every 25 m² (or 5x5 meters approx.).

APPLICATION IN SPORT FLOOR SYSTEM

- 1 SURFACE PREPARATION**
The substrate (asphalt or concrete) must be clean, dry, sound and free from dust, loose particles, grease or any contaminants that may affect adhesion.
- 2 APPLICATION OF CHEMGUARD-RESURF**
Apply **CHEMGUARD-RESURF** as an intermediate/base coat.
Apply two or more crossing layers to achieve a smooth and uniform surface.
Allow proper drying between coats.

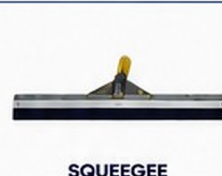

Consumption: Approx. 2 kg/m² for 2 layers
(depending on surface condition and absorption)
- 3 NEXT STEP**
When **CHEMGUARD-RESURF** is completely dry (approx. 5 - 6 hours), apply the final acrylic sports coating for color and protection.

TECHNICAL INFORMATION

Product Type	: Acrylic Resurfacer / Base Coat (Intermediate Coat)
Appearance	: Liquid with Fine Sand
Color	: Grey
Application Method	: Airless Sprayer or Brush
Dilution	: Up to 10% Water (depending on temperature)
Consumption	: Approx. 2 kg/m ² for 2 layers
Drying Time (Touch Dry)	: ~ 1 - 2 Hours (at 25°C)
Recoating Time	: 5 - 6 Hours
Application Temperature	: 10°C - 40°C
Substrate	: Asphalt & Concrete (Dry & > 30 days old)
Pack Size	: 5 KG, 20 KG
Shelf Life	: 12 Months from date of manufacturing in original sealed packaging
Storage	: Store in a cool, dry place. Protect from direct sunlight and frost.

Note: Values may vary depending on ambient conditions and substrate porosity.

TOOLS



IMPORTANT REMARKS

 **Application temperature**
10°C - 40°C.
Minimum bearing temperature during application & drying should be above 10°C.

 During temperatures over 40°C, ideal time for application is between 22:00 - 09:00.

 Protect the freshly coated surface from high temperatures, wind, rain and frost for at least 24 hours.

 In case of damage, it is simply repaired and recoated on the spot.