

CHEMGUARD-P

ACRYLIC PRIMER

TECHNICAL
DATA SHEET

ACRYLIC JOINING RESIN & PRIMER FOR SPORTS FLOOR SYSTEMS

CHEMGUARD-P is a one part acrylic primer / joining resin used as a primer for acrylic coatings, such as **CHEMGUARD**. Applied by airless sprayer or brush for proper adhesion on asphalt and concrete subfloors.

DESCRIPTION

CHEMGUARD-P is a high performance acrylic primer specially formulated to penetrate and seal porous surfaces, ensuring excellent adhesion between the substrate and acrylic coating systems. It is used as a joining resin in the **SPORT FLOOR SYSTEM** for multipurpose sports courts. After drying, it provides a strong bonding bridge for subsequent layers and improves the overall durability of the system.

FEATURES & BENEFITS

- ✓ Excellent adhesion to asphalt and concrete surfaces
- ✓ Deep penetration and sealing of pores
- ✓ Enhances bonding of acrylic coatings
- ✓ Simple application by brush or airless sprayer
- ✓ Fast drying and easy to apply
- ✓ Suitable for indoor and outdoor sports surfaces

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

PRIMING WITH CHEMGUARD-P

Prime the surface with **CHEMGUARD-P** to ensure proper adhesion on the sub-floor. Apply one or more coats until the surface is saturated. Avoid the creation of puddles of the material.



Consumption: 200 – 300 gr/m²
depending on the absorption of the underlay.

3

NEXT STEP

When the primer begins to dry (approximately 1 hour depending on the ambient temperature), follow with the application of **CHEMGUARD-RESURF** for sealing the porosity of the subfloor.

TECHNICAL INFORMATION

Product Type	:	Acrylic Primer / Joining Resin
Appearance	:	Liquid
Color	:	Milky White (Dries Transparent)
Application Method	:	Airless Sprayer or Brush
Dilution	:	Ready to use (Do not dilute)
Consumption	:	200 – 300 gr/m ² (Depending on absorption of the underlay)
Drying Time (Touch Dry)	:	~ 1 Hour (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



AIRLESS SPRAYER



BRUSH



SQUEEGEE



ROLLER

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.



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