



Advanced Polymer Technology

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Qualipur® 5461

1. General Description

Qualipur 5461 is a non-regulated one component, structural spray coating based on a polyurethane resin.

Basic Uses: Qualipur 5461 is designed for use in conjunction with EPDM rubber granules to create a textured sport surface for porous or non-porous systems. Running tracks are typical areas of application.

Standard Colors: Red, Black, Blue, Green, Special order colors

2. Safety Guidelines

Always wear the recommended personal protective equipment. Avoid contact with eyes, skin, and clothing. Adequate ventilation is required during the application process.

3. Storage and Packaging

Qualipur 5461 should be kept dry and cool.

Storage temperature should be between 4°C (40°F) and 32°C (90°F). Do not expose containers to open flame, excessive heat, or direct sunlight. Shelf life of product stored in sealed container is 12 months.

Qualipur 5461 is packaged at 215 kgs (approximately 52 gallons and 1075 lbs (approximately 262 gallons)).

4. Coverage

Two applications are recommended with an estimated consumption rate between 3.19 - 3.60 lbs/yd² (1.7 - 2.0 kgs/m²) combined with rubber (varies with the type of system).

5. Installation Guidelines

The surface to be coated must be clean, dry, and free of oil, grease, dirt, and any foreign residue.

Features and Benefits

- ✓ One component
- ✓ Non-regulated
- ✓ Durable structural coating for porous and non-porous systems
- ✓ Many standard colors
- ✓ Easy application
- ✓ Low VOC

The cure time varies with temperature and humidity. Qualipur 5461 resin and rubber must be power mixed prior to application until thoroughly coated. In order to obtain uniform coverage, Qualipur 5461 should be applied with a spray gun.

6. Limitations

- Do not apply over wet substrates
- Substrate and application minimum temperature 10°C (50°F)
- Substrate and application maximum temperature 40°C (104°F)
- Permissible relative humidity 40 - 90 %

7. Technical Data

VOC		15.37g/L*
Density	At 25°C (77°F)	1.06 to 1.10 g/cm ³
Viscosity	At 25°C (77°F)	1600 to 2400 cPs
Cure Time	At 25°C (77°F) 50% Relative Humidity	4-5 Hours

*based on Standard formula calculation

Above figures are guide values and should not be used as a base for specifications

Consult the Material Safety Data Sheet / Safety Data Sheet for more Details

For complete and latest warranty and product information, please visit www.advpolytech.com

