



Qualipur[®] 5050SA

Features and Benefits

- ✓ Foaming layer (energy absorbing)
- ✓ Excellent consumption rate
- ✓ Easy to apply
- ✓ Many standard colors

1. General Description

Qualipur 5050SA is a 2-component, polyurethane based foam layer.

Basic Uses: Qualipur 5050SA is specifically designed for use in conjunction with rubber granules to create an energy absorbing layer as part of a non-porous sport surface. Qualipur 5050SA is the energy absorbing layer for elite running tracks.

Standard Colors: Black, Blue, Green, Red, and 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 5050SA 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.

Product shelf life is 1 year in original sealed container.

Qualipur 5050SA is packaged as follows: Part A at 215 kg (approximately 44 gallon) and 1075 kg (approximately 223 gallon) and Part B at 215 kg (approximately 51 gallon) and 1075 kg (approximately 258 gallon).

4. Coverage

The standard consumption rate is 4.4 lb/yd² (2.4 kg/m²) per 4 mm thickness.

5. Installation Guidelines

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

Pour Part B into Part A and mix for a minimum of two minutes. Transfer into another container and mix for additional minute with proper drill and paddle, or with inline machinery. Application temperature should be at least 60°F and rising; temperatures below 60°F will retard the curing process and may limit full foaming yield. Avoid extreme temperature variations. In order to obtain



uniform coverage, Qualipur 5050SA should be applied with a rubber squeegee, scraper, or notched trowel.

6. Limitations

- Do not apply over wet or damp 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

Renewable Content		20.65%
Mixing Ratio by Weight (A:B)		2:1
Density	23°C (73°F)	1.12 – 1.22 g/cm ³
Viscosity	23°C (73°F)	3000 – 3800 cPs
Pot Life	23°C (73°F)	30 – 40 minutes
Shore A Hardness	23°C (73°F)	29 - 38

*Based on Standard formula calculation

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

Consult the Safety Data Sheet for more details

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

