



Advanced Polymer Technology

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Qualipur[®] 4500

1. General Description

Qualipur 4500 is a two component, thixotropic polyurethane based sealer.

Basic Uses: Qualipur 4500 is designed to seal porous rubber mats prior to the application of polyurethane coatings.

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 4500 should be kept dry and cool. Storage temperature should be between 10°C (50°F) and 30°C (86°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 4500 is packaged in 20 kg kits (approximately 4 gallon units).

4. Coverage

The standard consumption rate is 1.1 lbs/yd² (0.6 kgs/m²) to 2.2lbs/yd² (1.2 kg/m²).

5. Installation Guidelines

The surface must be clean, dry, and free of oil, grease, dirt, and any foreign residue. Qualipur 4500 Parts A and B must be powered mixed. Pre-mix the color component, empty the smaller component into the larger container, mix thoroughly prior to application, for at least 2 - 4 minutes (depending on design of power equipment and application conditions), in order to obtain uniform blending. In order to obtain uniform coverage, Qualipur 4500 should be applied with a flat trowel.

Features and Benefits

- ✓ No VOC
- ✓ Thixotropic
- ✓ Easy application
- ✓ Excellent sealer
- ✓ Composed of more than 40% renewable resources

6. Limitations

- Do not apply over wet substrates
- Substrate and application minimum temperature 18°C (64°F)
- Substrate and application maximum temperature 30°C (86°F)
- Permissible relative humidity 40 - 60 %
- Sealed surfaces should be coated within 24 hours

7. Technical Data

VOC		0g/L*
Renewable Resources		41.2 %
Density	At 23°C (73°F)	1.26 to 1.32 g/cm ³
Viscosity	At 23°C (73°F)	Thixotropic
Color		Grey
Mixing Ratio by Weight (A:B)		4:1
Pot Life	At 23°C (73°F)	35 to 55 minutes
Tack Free Time		5 to 6 hours
Shore A Hardness	At 23°C (73°F)	65 to 85

*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

