



Advanced Polymer Technology

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Qualipur[®] 3480

1. General Description

Qualipur 3480 is a one component, UV Stable, solvent free straight aliphatic polyurethane prepolymer.

Basic Uses: Qualipur 3480 is designed for binding EPDM rubber granules in the production of a top layer synthetic sports surface.

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 3480 should be kept dry and cool. Storage temperature should be between 5°C (40°F) and 66°C (150°F). Do not expose containers to open flame, excessive heat, or direct sunlight. Product shelf life is 1 year in sealed container.

Qualipur 3480 is packaged at 20 kgs (approximately 5.0 gallons), 210 kgs (approximately 52.8 gallons), and 1050 kgs (approximately 264 gallons).

4. Coverage

Qualipur 3480 is ready for use as supplied and should be mixed with dry rubber granules as follows:

Qualipur 3480 16% – 20% by weight

Rubber granules 84% – 80% by weight

5. Installation Guidelines

The surface to be coated must be clean, dry, and free of oil, grease, dirt, and any foreign residue. This mixture can be applied with a trowel in order to obtain a uniform, level surface.

The cure time varies with temperature and humidity. High temperature and high humidity will decrease cure time while low temperature and low humidity will increase it.

Features and Benefits

- ✓ UV Stable
- ✓ One component
- ✓ Solvent- free
- ✓ No VOC

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		0 g/L*
Density	At 23°C (73°F)	1.0 to 1.10 g/cm ³
Viscosity	At 23°C (73°F)	2500 to 3500 cPs
Color		Clear/ Light Amber
Cure Time	At 20°C (68°F) 50% Relative Humidity	12 to 14 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

