

APT

Qualipur® 6200

## 1. General Description

Qualipur 6200 is a one component, aliphatic, water-based structural spray coating based on a polyurethane dispersion (PUD) resin. Qualipur 6200 is made without harmful chemicals and has no free isocyanates.

Basic uses: Qualipur 6200 is designed for use in conjunction with EPDM rubber granules to create a textured sport surface for porous and non-porous systems. Running tracks are typical areas of application.

Standard Colors: Red, Black, and additional colors available

## 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 6200 should be kept dry, cool, and in original sealed container. Protect against long term direct sunlight exposure during storage and on-site use. Storage temperatures should be between 4°C (40°F) and 32°C (90°F). Shelf life of product properly stored in original sealed container is 1 year (12 months).

Qualipur 6200 is packaged at 215 kg (drum) and 1075 kg (tote)

## 4. Coverage

### Structural Spray

Two applications are recommended with an estimated consumption rate between 3.19 – 3.60 lbs/yd<sup>2</sup> (1.7 – 2.0 kgs/m<sup>2</sup>) combined with rubber at 60:40 (varies with the type of system).

### Encapsulated Broadcast Rubber

## Features and Benefits

- ✓ Water-based
- ✓ One component
- ✓ Low VOC
- ✓ Durable Structural coating for porous and non-porous systems
- ✓ Isocyanate free
- ✓ Easy application
- ✓ Water clean up
- ✓ Non-hazardous
- ✓ Low overspray
- ✓ Excellent UV resistance

Two applications are recommended with an estimated consumption rate between 0.76 -0.94 lbs/yd<sup>2</sup> (0.41 – 0.51 kg/m<sup>2</sup>) per coat.

#### Encapsulated Spray Rubber

Two applications are recommended with an estimated consumption rate between 0.54 – 0.65 lbs/yd<sup>2</sup> (0.29 – 0.35 kg/m<sup>2</sup>) per coat.

### 5. Installation Guidelines

The surface to be coated must be clean, dry, and free of oil, grease, dirt, and any foreign residue. The cure time varies with temperature and humidity. Qualipur 6200 resin and rubber must be power mixed prior to application until thoroughly coated. In order to obtain uniform coverage, Qualipur 6200 should be applied with a spray unit.

Note: Qualipur 6200 should be premixed before use.

### 6. Limitations

- Do not apply over wet substrates
- Substrate and application minimum temperature: 10°C (50°F): This **MUST** be maintained for 24 hours before, during, and after installation. If temperatures drop below 50F at any time during this period, film may dry but not crosslink.
- Substrate and application maximum temperature: 40°C (104°F)
- Protect from freezing

### 7. Technical Data

Temperature 23°C (77°F) and 50% Relative humidity

|           |                                |
|-----------|--------------------------------|
| VOC       | 2.3 g/L*                       |
| Density   | 1.05 to 1.20 g/cm <sup>3</sup> |
| Viscosity | 4,000 to 5,000 cPs             |
| Cure Time | 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 Safety Data Sheet (SDS) for more details*

*For complete and latest warranty and product information, please visit [www.advpolytech.com](http://www.advpolytech.com)*