Qualipur® 6511

1. General Description

Qualipur 6511 is a water based one (1K) component, polyurethane topcoat. It provides a semi-matte finish with excellent wear and abrasion resistance.

Basic Uses: Qualipur 6511 is designed for use on indoor surfaces such as gymnasium floors and multiple purpose rooms. Qualipur 6511 can also be used to encapsulate EPDM and SBR based running track 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 6511 should be kept dry and cool in original packaging. If storing is prolonged, contents should be thoroughly mixed until color consistency is achieved. Do not expose containers to open flame, excessive heat, or direct sunlight. Shelf life of product stored in original sealed container is 1 year (12 months). Qualipur 6511 must be protected from freezing.

Qualipur 6511 is packaged in 20 kg kits (approximately 5 gallons).

4. Coverage

The standard consumption rate is approximately 0.28-0.37 lbs/yd^2 (0.15 – 0.20 kg/m^2) per coat.

For encapsulated track systems, the consumption rate is approximately 1.12 lbs/yd^2 (0.61 kg/m^2) applied in two coats

Features and Benefits

- ✓ Water based
- ✓ Excellent wear and abrasion resistance
- ✓ Many standard colors
- ✓ Low VOC
- ✓ Aliphatic
- ✓ Indoor and outdoor use

5. Installation Guidelines

The surface to be coated must be clean, dry, and free of oil, grease, dirt, and any foreign residue.
Qualipur 6511 should be mixed to ensure uniform color. In order to obtain uniform coverage, Qualipur 6511 can be applied with a roller or sprayed.

6. Limitations

- Do not freeze
- Do not apply over wet substrates
- Substrate and application minimum temperature 10°C (50°F)
- Substrate and application maximum temperature 32°C (90°F)

7. Technical Data

Results based on a temperature of 23°C (73°F) and 50% Humidity

VOC	<2 g/L*
Density	1.15 to 1.25 g/cm³
Viscosity	1500 to 2500 cPs
Abrasion	42.6 mg loss (CS17 wheel, 1,000 cycles)
Tensile Strength	6.5 N/mm²
Elongation	100%
Cure Time	Foot Traffic – 3 hours Final Cure – 16 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