



Qualipur[®] 6511

1. General Description

Qualipur 6511 is a water based, aliphatic, 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/outdoor surfaces such as gymnasium floors, multiple purpose rooms, running track encapsulation of rubber granules, and balconies.

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/yd² (0.15 – 0.20 kg/m²) per coat.

For encapsulated track systems, the consumption rate is approximately 1.12 lbs/yd² (0.61 kg/m²) applied in two coats

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.

Shipments of Qualipur 6511 to a project may involve multiple batches. As a best practice, it is recommended to “Box” the material.

- Prior to starting the project, inventory and verify quantity of material need for the size of the area.

Features and Benefits

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



- Document the batch numbers of all pails.
- “Box” the needed amount of material to cover the designated area.
 - Boxing is a process where multiple batches of material is emptied into a larger container and mixed thoroughly, creating a uniform batch of material, and then poured back into pails for use.
- Apply to recommended coverage rates.

NOTE: Finished floor should only be damp mop cleaned for the first 21 days.

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)
- **Note: First cleaning water will be discolored.**

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/cm ³
Viscosity	1500 to 2500 cPs
Abrasion	42.6 mg loss (CS17 wheel, 1,000 cycles)
Tensile Strength	6.5 N/mm ²
Shore A Hardness	75
Shore D Hardness	35
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

