



Qualipur[®] 5052

1. General Description

Qualipur 5052 is a two component, polyurethane based coating. Developed as an environmentally friendly coating with a high renewable and low VOC content, Qualipur 5052 can be applied in a single application.

Basic Uses: Qualipur 5052 creates a non-porous force reduction layer for sport surfaces.

Standard Colors: Clear

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 5052 should be kept dry and cool. Storage temperature should be between 10°C (50°F) and 32°C (90°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 5052 is packaged as follows; Part A at 186 kgs (approximately 52 gallons) and 930 kgs (approximately 264 gallons) and Part B at 210 kgs (approximately 52 gallons) and 1050 kgs (approximately 264 gallons).

4. Coverage

The standard consumption rate is 1.8 lbs/yd² (0.99 kgs/m²) per 1mm thickness. Spray rubber can be added on the job site to the product.

5. Installation Guidelines

The surface to be coated must be clean, dry, and free of oil, grease, dirt, and any foreign residue. Mix for a minimum of two minutes, transfer to another container, and mix again for 1 with proper drill and paddle, or with inline machinery. Application temperature should be at least 50°F and rising, temperatures below 50°F will retard the curing process. In order to obtain uniform coverage, Qualipur 5052 should be applied with a notched trowel.

Features and Benefits

- ✓ Low VOC
- ✓ Creates a force reduction layer for a non-porous sport surface
- ✓ Easy to apply
- ✓ Can be casted as one base layer
- ✓ High renewable content



6. Limitations

- Do not apply over wet substrates
- Substrate and application minimum temperature 15°C (60°F)
- Substrate and application maximum temperature 40°C (104°F)
- Permissible relative humidity 40 - 90 %

7. Technical Data

At 23°C (73°F) and 50% Humidity

VOC	0.8 g/L*
Density	0.95-1.05 g/cm ³
Viscosity	Thixotropic
Mixing Ratio by Weight (A:B)	1.00:1.19
Renewables	76%
Shore A Hardness	40

*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

