



# Qualipur<sup>®</sup> 5052

## 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

### 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 4°C (40°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/yd<sup>2</sup> (0.99 kgs/m<sup>2</sup>) 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.



## 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

At 23°C (73°F) and 50% Humidity

VOC	0.8 g/L*
Density	0.95-1.05 g/cm <sup>3</sup>
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](http://www.advpolytech.com)

