



Advanced Polymer Technology

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Qualipur[®] 5610

1. General Description

Qualipur 5610 is a two component, polyurethane based coating made from renewable resources.

Basic Uses: Qualipur 5610 is designed as a wear coat layer for indoor elastic surfaces. Typical areas of application include multiple purpose rooms and gymnasium floors.

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 5610 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 5610 is packaged in 16.83 kg kits (approximately 4.19 gallons).

4. Coverage

The standard consumption rate is 1.84 lbs/yd² (1 kg/m²) per 1 mm thickness.

5. Installation Guidelines

The surface to be coated must be clean, dry, and free of oil, grease, dirt, and any foreign residue. Qualipur 5610 Parts A and B must be powered mixed. Pre-mix the color component, empty the smaller component into the larger container, mix thoroughly prior to application, for at least 2 - 4 minutes (depending on design of power equipment and application conditions), in order to obtain uniform blending. In order to obtain uniform coverage, Qualipur 5610 should be applied with a notched trowel.

Features and Benefits

- ✓ Can be used for a variety of applications
- ✓ Low VOC
- ✓ Composed of more than 55% renewable resources
- ✓ Easy to apply

6. Limitations

- Do not apply over wet substrates
- Substrate and application minimum temperature 10°C (50°F)
- Substrate and application maximum temperature 29°C (84°F)
- Permissible relative humidity 40 - 60 %

7. Technical Data

VOC		8.07 g/L*
Renewable Resources		55.38 %
Density	At 20°C (68°F)	1.03 to 1.09 g/cm ³
Viscosity	At 20°C (68°F)	800 to 1200 cPs
Mixing Ratio by Weight (A:B)		2.9:1
Pot Life	At 20°C (68°F)	40 to 60 minutes
Shore A Hardness	At 20°C (68°F)	70 to 80
Over coat time	At 20°C (68°F)	8 hours
Final Cure Time	At 20°C (68°F)	7 days

*based on standard formula calculation

Above figures are guide values and should not be used as a base for specifications

Consult the Material Safety Data Sheet / Safety Data Sheet for more Details

For complete and latest warranty and product information, please visit www.advpolytech.com

