



Qualipur[®] 252 HV

Features and Benefits

- ✓ Low VOC
- ✓ Low/no odor
- ✓ Bridges dynamically moving cracks
- ✓ Quick cure time
- ✓ Flexible in low temperature ranges

1. General Description

Qualipur 252 HV is a 2-component, low VOC, low/no odor, polyurethane membrane. It cures using chemical cross-linking to form a dynamically flexible waterproofing membrane for extreme crack-bridging applications. Qualipur 252 HV has good chemical resistance and outstanding adhesion properties making it the ideal membrane for waterproof coating systems.

Basic Uses: A crack-bridging base and waterproofing membrane. Qualipur 252 HV can be used for detailing and vertical applications.

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.

Do not expose container to open flame, excessive heat, or direct sunlight.

3. Storage and Packaging

Qualipur 252 HV should be kept dry and cool. Storage temperature should be between 4°C (40°F) and 32°C (90°F).

Packaging: 5 gallon unit (19.9 kg unit)

4. Coverage

For reference 1 mil of Qualipur 252 HV has a consumption rate of 1493 ft²/gal (0.00067 gal/ft² or 0.02863 kg/m²).

5. Installation Guidelines

Surface Preparation:

Surfaces receiving an application of Qualipur 252 HV must be clean, sound, dry, free of oils and all bond inhibiting compounds and contaminants. Apply Qualipur 252 HV on primed concrete surfaces that have received the recommended surface preparation (sandblasting or shot blasting are recommended to produce a clean and lightly textured surface).



Mixing:

Pre-mix the color component. Then, empty the contents of component “A” into component “B”. Mixing is accomplished by using a jiffy paddle and low speed drill (400 to 600 rpm). Take care not to incorporate excessive air into the product. Scrape down sides of pail and mix for an additional 1.5 minutes before proceeding with application.

Detail Coating – Prior to applying the Qualipur base coat/waterproofing membrane apply a detail coat of Qualipur 252 HV at 30 wet mils over all shrinkage cracks less than 1/16 in. cracks wider than 1/16 in. should be treated as joints. Route out cracks to ¼ in. and fill with a urethane joint sealant. After the detail coat has cured for 3 to 4 hours, apply the Qualipur 252 base coat at the rate of 25 wet mils using a notched trowel or squeegee. Once basecoat has cured, it can be topped with a variety of other Qualipur coatings to form a waterproof parking deck and/or seamless flooring system.

6. Limitations

Minimum application temperature is 40°F and rising. Do not apply over damp or wet substrates. Do not apply to surfaces with active moisture vapor transmission. Conduct an adhesion test prior to use on asphalt substrates.

7. Technical Data

Results based on temperature of 68°F and 50% Humidity

VOC		5.9 g/L*
Solid Content		100%
Viscosity		27,000 – 33,000 cPs
Pot Life		20 – 30 Minutes
Hardness	ASTM D2240	Shore A 70-80
Cure Time – Before Overcoat		3-4 Hours
- Final Cure		24 Hours
Abrasion		(Tabor Abrader) 9 mg loss
Tear Resistance	ASTM D1004	160 pli
Adhesion to Concrete	ASTM D-903	35 pli

*Based on standard formula calculation

Consult the Safety Data Sheet (SDS) for more details.

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

