



MEMBER OF



# Key Reasons to Specify Qualideck®

## 30+ Years

Manufacturing  
Polyurethane Coatings

## 50+ million SF

Successful Installations

## Safe

Low VOCs, solvent free, contains no  
TDI, UL certified UL 723 & UL 790

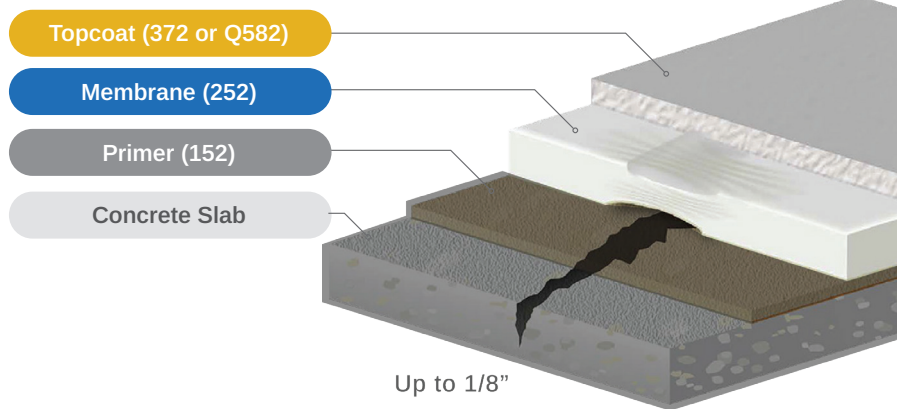
## Performance by Design

### Qualideck® Topcoat (372 or 582UV)

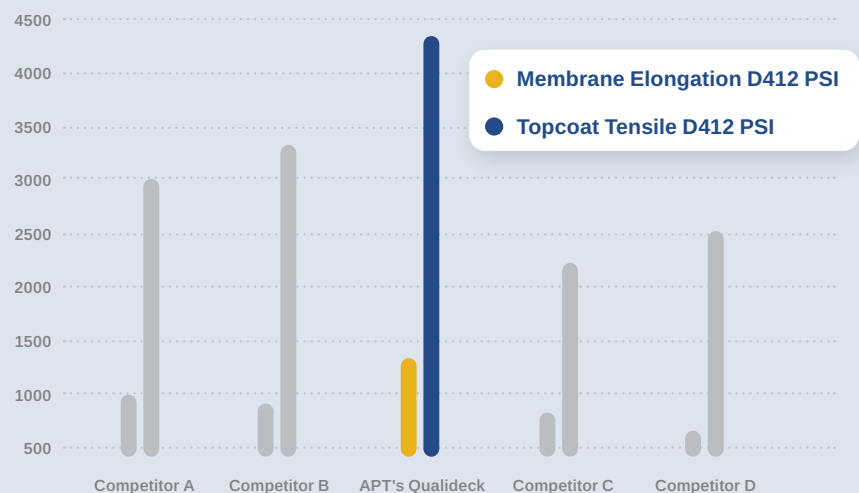
372 and 582UV have high tensile strength with 372 boasting a tensile strength of 4200+ PSI (D412) allowing it to hold and retain aggregate better and longer than other competitive topcoats.

### Membrane (252)

The membrane at the point of the concrete slab allows movement & elongates, dissipating the movement as it moves upward through the topcoat, significantly reducing cracking through the topcoat.



## Superior Performance



### Topcoat

(4200 PSI, D412)

Longer wearing, holds  
aggregate better and longer



### Membrane elongation

(4200(1103%, D412)

Prevents cracking through  
the topcoat



# Quick References

All qualideck® products are low voc and are compliant with California's voc regulations (<50g/l)

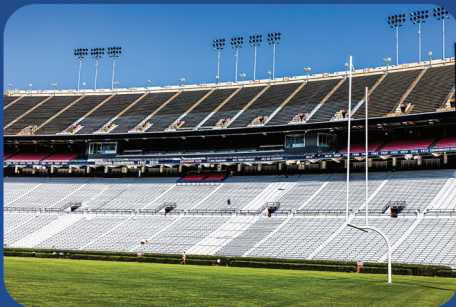
TESTING DATA	DESCRIPTION	PRIMER	MEMBRANE	TOP COAT	SYSTEMS
ASTM D7234	Adhesion to Substrate	•	•		•
ASTM D412	Tensile / Elongation		•	•	
ASTM D1640	Cure Rate		•	•	
ASTM D2240	Hardness		•	•	
ASTM D573	Heat Resistance Tensile/Elongation		•	•	
ASTM D3137	Hydrolytic Stability Tensile/Elongation		•	•	
ASTM D471/D412	Water Absorption		•	•	
ASTM D903	Conc Adhesion		•		
WPC TT-3	Intercoat Adhesion			•	
ASTM C957	Chemical Resistance		•	•	
ASTM C1371	Thermal Emittance			•	
ASTM C15149	Solar Reflectance			•	
ASTM E1980	Solar Reflectance Index			•	
ASTM D2792	Solvent & Fuel Resistance			•	
ASTM C501	Abrasion Resistance			•	
ASTM D1149	Ozone Resistance			•	
ASTM D822/G53/D412	Weather Resistance			•	
ASTM D1004	Tear Resistance	•	•	•	•
ASTM E96	Moisture Vapor Transmission	•			•
WPC TT-4/ASTM CP57	Crack Bridging				•
ASTM D4541	Pull Off Adhesion				•
WPC TT-5/ASTM X501	Wear Resistance				•
ASTM C1028	Skid Resistance			•	•
ASTM C1202	Rapid Chloride Permeability				•

## Qualideck® Traffic Bearing Membrane

SYSTEM	MEDIUM DUTY	HEAVY DUTY	EXTRA HEAVY DUTY	EXTREME DUTY
Primer Q152	4 mils	4 mils	4 mils	4 mils
Membrane Q252	25 mils	25 mils	25 mils	25 mils
Intermediate / Top Coat Q372	*15 mils	15 mils/15 mils	25 mils/15 mils	30 mils/20 mils
Epoxy 552	*15 mils	15 mils/15 mils	25 mils/15 mils	30 mils/20 mils
UV Top Coat Q582	*15 mils	15 mils	15 mils	15 mils
Sand Aggregate	10-15 lbs / 100sqf / coat	10-15 lbs / 100sqf / coat	10-15 lbs / 100sqf / coat	10-15 lbs / 100sqf / coat
Total	*40 mils	55 mils	65 mils	75 mils

NOTE: Use UV Q582 for full sun exposure or Q372 aromatic for non sun exposure

# Notable Installations



- ✓ State Farm Head Quarters Parking Garages (Bloomington, IL)
- ✓ Grant Park North & South Parking Garages (Chicago, IL)
- ✓ Pittsburgh International Airport Parking Garage (Pittsburgh, PA)
- ✓ Heinz Field Stadium Gold Parking Garage (Pittsburgh, PA)
- ✓ University of Michigan Parking Garage (Ann Arbor, MI)
- ✓ Detroit Metro International Airport Blue Parking Garage (Detroit, MI)
- ✓ General Motors Tech Center Parking Garage (Warren, MI)
- ✓ Federal Reserve Parking Garage (Kansas City, MO)
- ✓ Hammond Stadium (Fort Myers, FL)
- ✓ University of Alabama Baseball Stadium (Tuscaloosa, Alabama)
- ✓ Auburn University Football Stadium (Auburn, Alabama)



## Contact us today for more information

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## Qualideck.com

APT warrants its products to be free of manufacturing defects and to meet published physical properties when applied, cured, and tested in accordance with ASTM and APT standards. This warranty is in lieu of all warranties expressed or implied including any warranty of merchantability or fitness for a particular purpose in connection with this product. Neither seller nor supplier shall be liable for any loss or damage either direct, incidental or consequential regardless of legal theory asserted, including negligence, merchantability and/or strict liability. Seller's and Supplier's obligation shall be to replace such quantity of product proven to be defective. Before using, user shall determine suitability of product for his intended use and user assumes all risk in connection therewith. For complete and latest warranty and product information, please visit [www.qualideck.com](http://www.qualideck.com)

