



PRODUCT INFORMATION

Product Name: QWF2000

PRODUCT

QW200

Urethane; Polyurethane: Waterbase Aliphatic Polyester Dispersion, NMP FREE, TEA FREE

DESCRIPTION

QW200 is a translucent aliphatic waterbased urethane resin. **QW200** provides solvent resistance and good physical properties without the use of typical crosslinkers. **QW200** is a single component low VOC product which offers better chemical and abrasion resistance than traditional polyurethane dispersions. **QW200** extreme toughness allows formulators to develop high performance coatings and adhesives for the most demanding applications. **QW200** film forms at room temperature and **QW200** may be further crosslinked with carbodimide or aziridine. **QW200** is generally compatible with other Chase QW resin series or a variety of acrylic emulsion resins.

APPLICATIONS

- Coatings for Wood & Resilient Floors
- Concrete sealers for floors
- metal coatings
- Vinyl & TPO coatings for automotive
- Base polymer for paint formulations for exterior exposure
- Flexible film top coats

BENEFITS

- No Hazardous ingredients to report on MSDS
- Water base, low VOC, low odor
- Excellent Properties without the use of crosslinker
- Great resistance to IPA & Ethanol

TECHNICAL INFORMATION:

- | | |
|-------------------------|----------------|
| • % Solids | 33-36% |
| • Viscosity, cps @ 25°C | 25 - 400 |
| • Specific Gravity | 1.06 ± 0.01 |
| • Wt./Gallon | 8.75 lbs. ± .1 |
| • pH | 7.75 ± 0.75 |
| • VOC Lb. /Gal. | 2.49 ± .05 |
| • VOC Grams/Liter | 297 ± |

TYPICAL PROPERTIES

CS10 Wheel ¹	8 mg
Hardness (Sward, 1 week)	25
Tensile Strength ²	4000
Elongation ²	350%



PRODUCT INFORMATION

Product Name: QWF2000

Solvent Resistance drop/rub (1=best - 5=worst)

	IPA	MEK	Ethanol
AQUENCE PI QW-200	1/1	3/3	2/2
AQUENCE PI QW200 + 4% Aziridine	1/1	2/2	2/2

Stain Tests (0=None - 5=Severe)

	Ink	Coffee	Catsup	Iodine	Mustard
AQUENCE PI QW-200	0	1	0	2	1
AQUENCE PI QW200 +4% Aziridine	0	1	0	1	1

TEST METHODS (ASTM Method)

% Solids - D-2369 Hardness - D-2134 Viscosity - D-2196
Abrasion - D-4060 Appearance - E-284 pH-E-70
Tensile - D-412 Elongation - D-412 VOC Properties - D-3960
Weight/Gallon - D-1475

¹Taber Abrasion Weight Loss 1000 gram load/1000 cycles

²Instron tester; films pulled at 2 inches per minute

The information contained here is provided for product selection purposes only and is not to be considered specification or performance data. Under no circumstance will the seller be liable for any loss, damage, expense or incidental or consequential damage of any kind arising in connection with the use or inability to use its product. Specific conditions of sale and Chase's limited warranty are set out in detail in Chase Corporation Terms and Conditions of Sale. Those Terms and Conditions are the only source that contains Chase's limited warranty and other terms and conditions.

02/15