AQ055 Primer / Topcoat

High Hide Stain Blocker

ROYAL COATINGS
ENGINEERED CHEMISTRY
DEVELOP · DESIGN · DELIVER

Royal AQ055 is a premium quality polymer coating that was developed to be used as a primer topcoat in one. This solvent-less coating is formulated with extremely high pigment loads to cover various kinds of staining such as smoke, ink, pencil and rust bleed from deficient primer applications.

KEY FEATURES

- Application friendly
- SCAQMD VOC Compliant
- High Film Build
- Stain Blocking

PHYSICAL DATA

Colors	White, Custom
Finish	60-70 GU
Components	1
Packaging	275 Gal Totes
	55 Gal Drum
	5 Gal Pail
VOC	<5 grams/liter
Shelf Life	1 Year unopened
Surface Temp (F)	40-100
Volume Solids (%)	38% ± 2
Viscosity (Stormer)	90-95 KU
Flashpoint (F)	>230 Closed up

MIXING INSTRUCTIONS

Mix paint thoroughly to a uniform consistency with low speed power agitation prior to use.

Do not let hydrocarbon solvents come in contact with this coating. For equipment and fluid line cleaning use only an emulsifying industrial detergent followed by a water rinse.

DRYING , 2 MIL DFT , 77F , 50% RH

(Results will vary with temperature, humidity and DFT)
~Tack Free: 60 minutes ~To Touch: 90 minutes ~Tack Handle: 45 minutes
~To Recoat: 30 minutes
Note:Consult your technical representative before topcoating

SAFETY PRECAUTIONS

Read material safety data sheet before use. Wash and clean up thoroughly with soap and water after handling.

APPLICATION METHODS

Conventional

- Fluid Pressure: 10 – 20 psi , Tip: .040”-.045"
- Atomization Pressure: 45-60 psi, Airless. Pressure: Adjust as needed
  Tip: .015” - .019”

HVLP

- Brush, Roller or Dip

SPECIFICATIONS

Apply 4 - 8 wet mils depending on stain and porosity.
Use test area to determine required film build.
Reduce with a maximum of 5% water (Do Not Thin with Solvents)

SURFACE PREPARATION

Minimum SSPC-SP2

RECOMMENDED SPREAD RATE PER COAT

	Minimum	Maximum
Wet mils (microns)	4.0 (100)	8.0 (200)
Dry mils (microns)	2.0 (50)	4.0 (100)
Coverage ft2/gal (m2/l)	200 (5)	400 (10)

PERFORMANCE CHARACTERISTICS

Scratch Resistance Method ASTM D3363	Result:	H, No Visible damage
Adhesion Method ASTM D4541	Result:	350 psi
Flexibility Method ASTM D522 3/8”	Result:	180° Bend Passes
Stain Bleeding ASTM D7514-14	Result:	Pass
Sag Resistance ASTM D4400-99	Result:	14 mil