



ROYAL COATINGS

AQ055 PRIMER/TOPCOAT (HIGH HIDE STAIN BLOCKER)

PRODUCT BULLETIN

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
- ▶ WIDE APPLICATION TEMPERATURE RANGE (37F – 100F)
- ▶ 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 cup



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 , 4 MIL DFT , 77F , 50% RH

(Results will vary with temperature, humidity and DFT)

- ▶▶ Tack Free: 60 minutes
- ▶▶ To Touch: 90 minutes
- ▶▶ Tack Handle: 45 min
- ▶▶ 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 ft ² /gal (m ² /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 degree bend passes
- Stain Bleeding ASTM D7514-14 **Result:** PASS
- Sag Resistance ASTM D4400-99 **Results:** 14 mil

DISCLAIMER

The information contained in this bulletin is, to the best of our knowledge, true and accurate; but all recommendations or suggestions are made without guarantee, since the conditions of use are beyond our control. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

MANUFACTURED BY

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