



URKISYSTEM

INDUSTRIAL COATING SOLUTIONS

SIGN COATINGS

A complete portfolio of products
to give you a competitive edge
over the rest



BESA

COMMITTED
TO EVOLUTION

PROUD PARTNERS OF CARWORX DISTRIBUTION

3 DIFFERENT SYSTEMS FOR SIGN FINISHES



URKILON 6480

Translucent Binder for back lit formed sign faces

PRODUCT FEATURES

- Air dry acrylic lacquer
- Fast tape time
- Fade resistant
- Durable
- Consistent finish



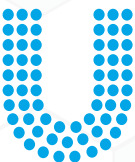
SURFACE PREPARATION FOR URKI LON

MATERIALS	STEP 1 CLEAN SURFACE	STEP 2 FINAL WIPE
Acrylic / Polycarbonate	Clean surface with BESA Plastic Cleaner no. 94	Final wipe with a clean & dry cloth

Application Instructions

1. Remove static charge by applying a mist coat of BESA Plastic Cleaner No.94 on the surface that is about to be painted. This will help reduce static electricity, dust and dirt particles.
2. Using a 50 to 75% overlap, apply several coats with a gun distance of 8-10 inches from the surface.
3. Allow proper flash time between coats. (Flash times will vary dependent upon film thickness, temperature, reducer speed, spray gun set-up, application, etc.)
4. Vary the direction of the passes: horizontally, vertically, and diagonally. This is to make sure that a uniform coating of paint is applied.
5. Gradually build up coats to desired color to avoid over-application. (If paint is not applied gradually and uniformly, the result could be blotchy, uneven, or undesired color.)

THE COMPLETE URKISYSTEM SETUP



TOPCOATS

- Translucent Binder
- Basecoat Binder
- Low VOC (2.8)
- DTE Polyurethane Binder
- Textured Effect Binder
- 1K Touchup Binder



INDUSTRIAL PRIMERS

- DTM Epoxy Primer
- DTM Urethane Primer
- DTM Tintable Epoxy Primer
- Self-Etching Primer
- High Build Etching Primer
- Low VOC Primers

3 DIFFERENT SYSTEMS FOR SIGN FINISHES



BESANATO 6713 | 6716 | 6714 | 6715
GLOSS | SEMI GLOSS | SAT | MATTE

Direct to Everything (DTE) Polyurethane Binder

PRODUCT FEATURES

- 2 coat coverage
- High UV & chemical resistance
- Extreme weather resistant
- Simple & easy application
- Available in 4 different gloss binders



NO SANDING
PRIMING
SEALER
REQUIRED!

PAINT DIRECTLY ON ALL SUBSTRATES

• Aluminum • PVC • Acrylic • Polycarbonate • Galvanized • Brass • Bronze • Glass

SURFACE PREPARATION FOR BESA NATO

SURFACES	STEP 1 DEFECT REMOVAL	STEP 2 DEGREASE	STEP 3 FINAL CLEANING	STEP 4 FINAL WIPE
Aluminum / Metal Galvanized / Bronze / Brass	*If needed, use grit P220 and/or P320 followed by a maroon scuff pad	Degrease with BESA Urkisol 88	Clean surface with BESA SD - All Metal	Final wipe with low tack wipe cloth
PVC	If needed use a maroon scuff pad	Degrease with BESA Urkisol 88	Clean with BESA Urkisol 88 *PVC must be painted 5-10mins after cleaning	Final wipe with low tack wipe cloth
Acrylic / Polycarbonate	N/A	N/A	Clean surface with BESA Plastic Cleaner no. 94	Final wipe with low tack wipe cloth
Glass	N/A	N/A	Use BESA Glass Cleaner to remove any contaminants	Final wipe with low tack wipe cloth

*If there are no scratches, defects or imperfections, skip step 1 & 2 and go straight to step 3: Final Cleaning

Application Instructions

Mix and spray Besa Nato and/or Besa Nato Sat directly on the substrate following the proper mixing and application instructions from the technical data sheets.

THE COMPLETE URKISYSTEM SETUP



SURFACE CLEANERS

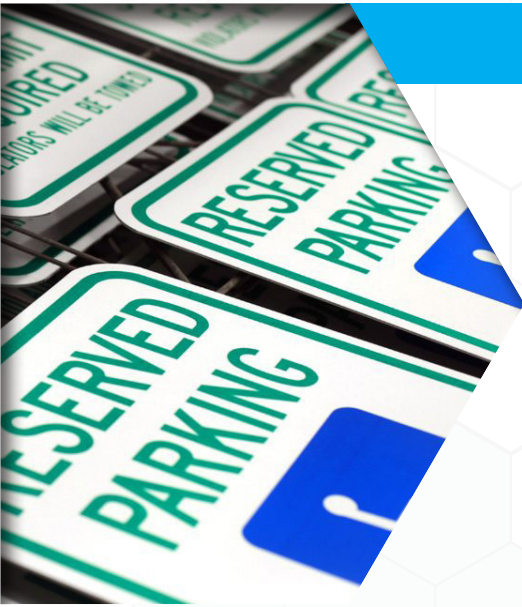
- Acrylic Cleaner
- Glass Cleaner
- PVC Cleaner
- All Metal Cleaner
- Polycarbonate Cleaner
- Final Wash
- Acetone
- Degreaser



WATER BASED PRODUCTS (WB)

- WB DTM Primers
- WB Gloss & Satin Topcoats
- WB Cleaners
- WB Self Etching Primers
- WB High Build Primers

3 DIFFERENT SYSTEMS FOR SIGN FINISHES



F-38/L 6500

Base Coat Binder for multi-color signs

PRODUCT FEATURES

- 1-2 Coat Coverage
- Ideal for multicolor signs
- Extremely fast tape time
- Can be used for interior coatings without the need of a clear coat



SURFACE PREPARATION FOR F-38L

MATERIALS	STEP 1 CLEAN SURFACE	STEP 2 FINAL WIPE
Acrylic / Polycarbonate	Clean surface with BESA Plastic Cleaner no. 94	Final wipe with a tack cloth
PVC	Clean surface with BESA Plastic Cleaner no. 94	Final wipe with a tack cloth

Application Instructions

1. Apply one medium wet coat.
2. Let flash dry for 10-15mins. Flash times will vary depending on film thickness, temperature, reducer speed, spray gun set-up, application, etc.
3. Apply a second medium wet coat.
4. Let flash dry for another 10-15mins.
5. Apply desired clear coat. Refer to technical information page for different options of clear coats.



THE COMPLETE URKISYSTEM SETUP



CLEAR COATS

- Speed Clear
- 4:1 Production Clear
- Low VOC Gloss or Matte Clear Coats
- UHS Gloss Clear



ADDITIVES

- Anti-Graffiti
- Fish Eye Eliminator
- Flex Agent
- Anti-Scratch
- Accelerator
- Texture Additive
- Flattening Agent
- Adhesion Promoter



URKISYSTEM

BINDER & TONER PAINT SYSTEM RECOGNIZED
FOR ITS CONSISTENCY AND EFFICIENCY

TECHNICAL INFORMATION



BASE COAT BINDER FOR MULTICOLOR SIGNS



MIXING RATIO



VISCOSITY



GUN SETUP



FILM THICKNESS



DRYING TIME

F-38/L 6500	Volume 1:0.5 Reducer: Fast: Urkisol 900/P Medium: Urkisol 8229 Slow: Urkisol 3700 Ultra Slow : Urkisol 3725	18-20" FORD n° 4	1.3 - 1.5 @ 25 - 45 psi	0.4 - 1 mil	15 - 30mins. Tape time:
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TRANSLUCENT BINDER FOR BACK LIT FORMED SIGN FACES



TRANSLUCENT
MIXING RATIO



OPAQUE
MIXING RATIO



VISCOSITY



GUN SETUP



FILM THICKNESS



DRYING TIME

URKILON 6480	Translucent Volume 1:2 Reducer: Medium: Urkisol-300 Slow: Urkisol-500 Ultra Slow : Urkisol 1500	Opaque Volume 1:1 Reducer: Medium: Urkisol-300 Slow: Urkisol-500 Ultra Slow : Urkisol 1500	10-13" FORD n° 4	1.2 - 1.4 @ 25 - 45 psi	0.4 - 1 mil	Dry to touch: 30 mins. Dry to handle: 1 h. Fully cure: 24 hrs.
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DIRECT TO EVERYTHING (DTE) POLYURETHANE BINDER



MIXING RATIO



VISCOSITY



GUN SETUP



FILM THICKNESS



DRYING TIME

BESANATO 6713	Volume 2:1 Hardener: E-224 Reducer: Fast: Urkisol 900/P Medium: Urkisol 8229 Slow: Urkisol 3700 Ultra Slow : Urkisol 3725	25-30" FORD n° 4	1.2 - 1.4 @ 25 - 30 psi	1.6 - 2 mils	Dry to touch: 30 mins. Dry to handle: 1 h. Fully cure: 24 hrs.
BESANATO SEMIGLOSS 6716 SAT 6714 MATTE 6715	Volume 3:1:1 Hardener: E-224 Reducer: Fast: Urkisol 900/P Medium: Urkisol 8229 Slow: Urkisol 3700 Ultra Slow : Urkisol 3725	25-30" FORD n° 4	1.2 - 1.4 @ 25 - 30 psi	1.6 - 2 mils	Dry to touch: 30 mins. Dry to handle: 1 h. Fully cure: 24 hrs.



URKI SYSTEM CLEAR COATS SUPERB LEVELING CAPABILITIES



MIXING RATIO



POT-LIFE



VISCOSITY



FILM THICKNESS



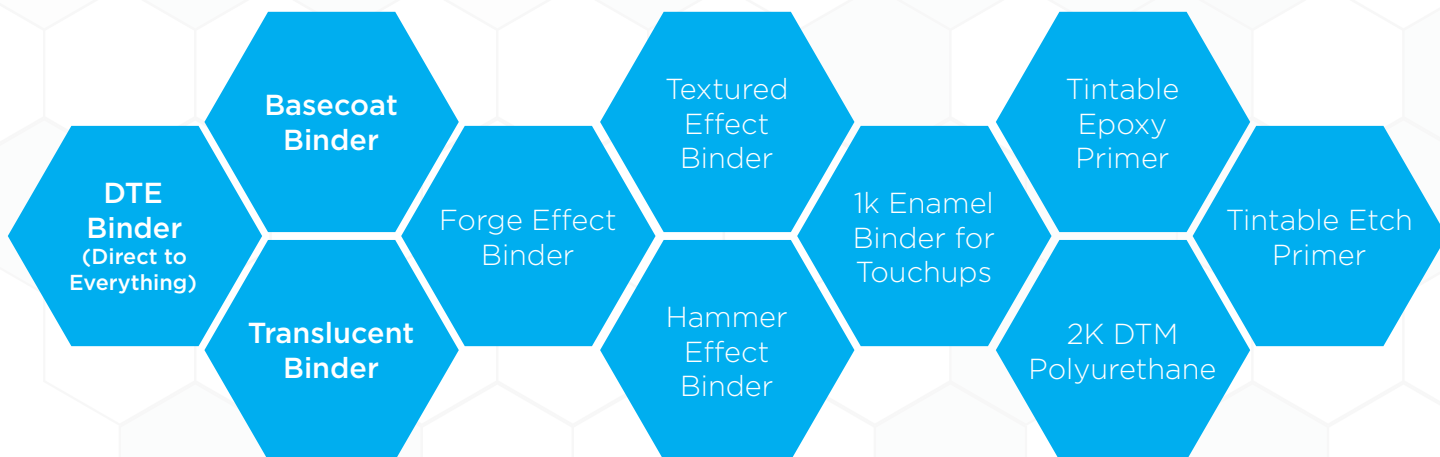
*DRYING TIME

BESAGLASS MS 753	Volume 2:1 E-225 Slow / E-224 Medium / E-202 Fast / E-247 Ultra Fast Reducer: 0-10% URKISOL 3725 ultra Slow / URKISOL 3700 Slow URKISOL 8229 Medium / URKISOL 900 Fast	E-225 3h. E-224 2h. E-202 1h. E-247 45m.	17-19"	1.6- 2 mils.	Dust free: 45 mins. Dry to touch: 1.5 hrs. Tape time: 6-12 hrs.
BESAGLASS MATT HS	Volume 2:1 E-224 Medium Reducer: 0-10% URKISOL 8229 Medium / URKISOL 900 Fast	3h.	18-20"	1.6- 2 mils.	Dust free: 1 hrs. Tape time: 3 hrs.
URKICLEAR 765	Volume 4:1 E-225 Slow / E-224 Medium / E-202 Fast / E-247 Ultra Fast Without Thinner	E-225 3h. E-224 2h. E-202 1h. E-247 45m.	15-17"	1.6- 2 mils.	Dry to touch: 30 mins. Tape time: 2 hrs.
URKIFLY UHS EXPRESS	2:1 E-253 Without Thinner	30m.	18-20"	1.6- 2 mils.	Dry to touch: 30 mins. Dry to handle: 1 h. Tape time: 24 hrs.

*Drying time depends on temperature and hardener thickness

ONE PAINT SETUP GIVES YOU LIMITLESS OPTIONS

QUALITY • VERSATILITY • PRODUCTIVITY • MAXIMIZE WORKSPACE • SAVE ON INVENTORY COSTS



SOLID TONERS



METALLIC & PEARL TONERS



URKISYSTEM COLOR TOOLS

SPECTROPHOTOMETER



COLOR TRUCK



COLOR LIBRARY

- PANTONE, RAL, NCS
- TRIMCAP
- 3M VINYL
- SHERWIN WILLIAMS
- MATTHEWS - SPECTRUM OF COLOR & LACRYL



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