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3820 TDS

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DESCRIPTION:

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3820 is a two component, two coat acrylic urethane coating. 3820 mixes in three (3) different ratios with 3821 Activator to achieve three (3) different gloss levels, Flat / Eggshell /Semi-gloss

FEATURES:

- Excellent leveling
- Contains UV Inhibitors-can be used on exterior panels
- Superior sag resistance
- Minimal over-spray migration
- Very flexible
- Available in quarts & gallons
- Uses CP3821 Activator
- Long-term durability
- Guaranteed performance

COMPATIBLE SURFACES:

Acrylic or polyester basecoats
 Activated polyurethane enamel (must be cured at least 8 hours)
 Activated acrylic urethane enamel (must be cured at least 8 hours)

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INSTRUCTIONS:

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Make sure product is at room temperature 72°F (22.2°C) before mixing

GUN SETUP:

HVLP gravity 1.3 - 1.4mm 8-10 psi @ gun
 Fluid Adjustment for 1.3 mm nozzle—turn out 3 - 3 ½ full turns
 Fluid Adjustment for 1.4 mm nozzle---turn out 3 - 3 ½ full turns

MIXING: =====

Shake well before mixing.
 Mix 3820 2.1 VOC Clearcoat with 3821 Activator according to desired gloss. 4:1 Semi Gloss, 5:1 Eggshell, 6:1 Flat
 Optional: 5% reduction using Z80, Z81, Z82

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APPLICATION:

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1. Apply basecoat color per recommended procedures.
 Note: Allow activated polyurethane and acrylic enamel systems to cure at least eight hours.
2. Apply two wet coats 3820/3821 using 40-45 psi(inlet pressure) at the gun for conventional guns and 8-10 psi (at the aircap) for an HVLP gun.
3. Allow 10-15 minutes flash between coats.

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TECHNICAL DATA
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Color Opaque
Activator CP-3821
Reducer Zero VOC reducers i.e. Z80, Z81, Z82
Mix Ratio 4:1, 5:1 or 6:1 Reducer Optional
Pot Life 60 min. (72°F (22.2°C) 50% RH
Number of coats 2-3 full wet coats
Flash Time between coats 5-10 minutes
Dust Free 0 minutes
Tack Free 0-15 minutes
Dry to Sand (72°F (22.2°C) 50% RH N/A
Delivery time
Air Dry 8-12 hours
Time to stripe/decal
Air dry 24 hours
Time to recoat
Air Dry 8-12 hours @ 70°F to 75°F

If recoating after 24 hours, sand with 1000 grit sandpaper before recoating. On sand-thru areas, apply heat before applying additional coatings to eliminate featheredge lifting.

Gun Set-up
Gravity Fed (HVLP) 1.3mm-1.4mm
Air Pressure @ Gun (HVLP) 8 – 10 psi
% Solids Sprayable by weight 35% (unreduced)
Coverage (sq. ft. / gal @ 1 mil) 560
Shelf Life (unopened) 12 months
Package
Clear quarts & gallons
Activator 8 oz. & quart
Number per case Quarts 6
Gallons 4

News

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