



DELTRON

V-SEAL® Acrylic Urethane Sealers

P-237

DAS3021 White / DAS3025 Gray / DAS3027 Dark Gray

V-SEAL® DAS302x are premium quality, high velocity sealers. They are available in white, gray, and dark gray and are suitable for the advanced technology finishes used in today's refinish body shops. These fast drying acrylic urethane sealers have superior flow properties and excellent gloss holdout.

DAS302x can be used directly over unsanded OEM E-Coat, sanded original finishes and/or properly prepared and treated bare steel, aluminum, fiberglass and plastic.

For optimum topcoat coverage a choice of 7 gray shades (G1-G7) can be achieved by mixing the white, gray and dark gray sealers.



Features & Benefits

- Fast dry
- Excellent color hold out
- Decreased booth time
- Maximum system gloss retention

Compatible Surfaces

DAS302x V-Seal may be applied over:

- Properly cleaned and sanded gel coated fiberglass
- Properly cleaned E-Coat
- Properly cleaned and sanded OEM finishes
- Properly prepared and treated bare steel and aluminum
- DELTRON® Self Etching Primers
- Deltron Plastic Adhesion Promoter
- Deltron Surfacer
- DPLF Epoxy Primer
- DPLV 2.1 VOC Epoxy Primer
- ONECHOICE® Etch Primers
- OneChoice Plastic Adhesion Promoters

Required Products

Hardener

DCX3030 Undercoat Hardener

Reducer

DT860 Cool Temperature 60-70°F (16-21°C)
 DT870 Medium Temperature 65-80°F (18-27°C)
 DT885 Warm Temperature 75-90°F (24-32°C)
 DT895 Hot Temperature 85°F (29°C) and above
 DT898 Hot Temperature 95°F (35°C) and above

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Surface Preparation:



- Wash the area to be painted with soap and water, then clean with an appropriate PPG cleaner.
- Sand the bare metal areas completely with 180-230 grit abrasive. Sand old finishes with 320-400 grit dry by hand or machine or 400-500 grit wet.
- Exposed bare metal should be spot primed with a suitable bare metal primer.
- Re-clean with an appropriate PPG cleaner followed by a tack cloth to eliminate dirt prior to painting.



Mix Ratio:



DAS302x	:	DCX3030 Hardener	:	DT Reducer
3	:	1	:	1



Pot Life: 2 hour at 70°F (21°C)

Pot life is shortened as temperatures increases.

Additives:



DX814 Universal Flexiblizer: 10% to RTS quart

Air Pressure and Gun Setup:



HVLP: 8-10 psi at the air cap

Compliant: 29-40 psi at the gun

Gun Setup: 1.3-1.6 mm or equivalent

Note: For best overall results, refer to spraygun manufacturer's recommendations for inlet air pressures.

Application:



Apply: 1 wet coat

Dry Film build per coat: 1-1.2 mils

Drying Times:



Air Dry:

Dust Free: 10 minutes at 70°F (21°C)

Tape Time: 1½ hours at 70°F (21°C)



Dry to Topcoat: 1 Coat 15 minutes at 70°F (21°C)

After 72 hours, sealer must be scuffed before applying basecoat or topcoat..
If sanded film is below 1 mil, sealer must be reapplied.



IR:

Medium Wave: 10 minutes

Short Wave: 5 minutes

Compatible Topcoats:

V-Seal may be topcoated with:
 Deltron 2000 (DBC) Basecoat
 Deltron (DBU) Universal Basecoat*
 CONCEPT® (DCC) Acrylic Urethane
 DELSTAR® (DAR/DXR80) Acrylic Polyurethane Enamel
 *A minimum of 1 hour dry must be allowed prior to topcoating with DBU.

Equipment Cleaning:

Spray guns, gun cups, storage pots, etc. should be cleaned thoroughly after each use with any PPG general purpose solvent, lacquer thinner or DT Reducer.

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Technical Data:

	DAS302x : DT Reducer : DCX3030	DAS302x : DT Reducer : DCX3030 + DX814
Volume Ratio	3 : 1 : 1	3 : 1 : 1 +10%
VOC Regulatory (less water less exempt) (g/L)	477	493
VOC Regulatory (less water less exempt) (lbs./gal)	3.98	4.11
Total Solids by Weight (RTS)	48.0%	47.0%
Total Solids by Volume (RTS)	33.2%	32.9%
Sq. Ft. Coverage / US Gallon (RTS)	532	527
Recommended wet film build per coat	2.5 mils	2.5 mils
Recommended dry film build per coat	1.0 mils	1.0 mils

Chromatic Gray Mixing Chart

V-Seal Acrylic Urethane Sealers

Use this chart as a guide to mix the G1-G7 ratios to achieve better hiding when mixing the V-Seal Acrylic Urethane Sealers.

	Mix Ratio By Volume		Mix Ratio By Cumulative Weight							
			Grams				Parts			
	Mix Ratio		¼ Pint	½ Pint	Pint	Quart	¼ Pint	½ Pint	Pint	Quart
G1	DAS3021	3	110	219	438	876	123	245	491	981
	DCX3030	1	133	265	530	1060	149	297	594	1187
	DT870	1	153	305	610	1221	171	342	683	1368
G3	DAS3021	2	73	146	292	584	82	164	327	654
	DAS3025	1	109	218	436	871	122	244	488	976
	DCX3030	1	132	264	528	1055	148	296	591	1182
	DT870	1	152	304	608	1215	170	340	681	1361
G5	DAS3025	3	108	215	431	862	121	241	483	965
	DCX3030	1	131	262	523	1046	147	293	586	1172
	DT870	1	151	302	603	1206	169	338	675	1351
G6	DAS3025	2	72	144	288	575	81	161	323	644
	DAS3027	1	109	218	437	874	122	244	489	979
	DCX3030	1	132	264	529	1058	148	296	592	1185
	DT870	1	152	304	609	1218	170	340	682	1364
G7	DAS3027	3	112	224	448	896	125	251	502	1004
	DCX3030	1	135	270	540	1080	151	302	605	1210
	DT870	1	155	310	620	1240	174	347	694	1389

DAS3021/3025/3027

See Material Safety Data Sheet and Labels for additional safety information and handling instructions.

Important: The contents of this package must be blended with other components before the product can be used. Before opening the packages, be sure you understand the warning messages on the labels of all components since the mixture will have the hazards of all its parts. Improper spray technique may result in a hazardous condition. Follow spray equipment manufacturer's instructions to prevent personal injury or fire. Follow directions for respirator use. Wear eye and skin protection. Observe all applicable precautions.

EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION (412) 434-4515; IN CANADA (514) 645-1320

Materials described are designed for application by professional, trained personnel using proper equipment and are not intended for sale to the public. Products mentioned may be hazardous and should only be used according to direction, while observing precautions and warning statements listed on label. Statements and methods described are based upon the best information and practices known to PPG Industries. Procedures for applications mentioned are suggestions only and are not to be construed as representations or warranties as to performance, results, or fitness for any intended use, nor does PPG Industries warrant freedom from patent infringement in the use of any formula or process set forth herein.

PPG Automotive Refinish
19699 Progress Drive
Strongsville, OH 44149
800.647.6050

PPG Canada Inc.
2301 Royal Windsor Drive, Unit #6
Mississauga, Ontario L5J 1K5
888.310.4762

Follow us online:  

www.ppgrefinish.com

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