

**V-SEAL™ Acrylic Urethane Sealers**

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.

To optimize topcoat hiding, a choice of 7 gray shades can be achieved by mixing the white, gray and dark gray sealers. For maximum hiding choice, the gray shades will be linked to all DELTRON<sup>®</sup> DBC formulas. These gray ranges will be referenced on formulas from G1 (white) through G7 (dark gray).



**Features**

- Fast Dry
- Strong color hold out

**Advantages**

- Quick to topcoat
- Less solvent penetration

**Benefits**

- Decreased booth time
- Maximum system gloss retention

**Compatible Surfaces**

V-SEAL DAS302x may be applied over:

- Properly cleaned and sanded fiberglass
- Properly cleaned E-Coat
- Cured and sanded OEM finishes
- Properly prepared and treated bare steel and aluminum
- Deltron plastic adhesion promoter
- Deltron 2K primer surfacer
- DP Epoxy Primer LF
- DPLV 2.1 Epoxy Primer
- ONECHOICE<sup>®</sup> SX1071 5.5 Etch Prime

**Required Products**

	<b>Hardener</b>
Undercoat Hardener	DCX3030
	<b>Thinner</b>
Cool Temperature (60 – 70°F)	DT860
Medium Temperature (65 – 80°F)	DT870
Warm Temperature (75 – 90°F)	DT885
Hot Temperature (85°F and above)	DT895
Hot Temperature (95°F and above)	DT898



# DAS3021 / DAS3025 / DAS3027

## Directions for Use

### Preparation:



• Wash the area to be painted with soap and water, then clean with an appropriate PPG Wax & Grease Remover.



• Sand the bare metal areas completely with 180 – 240 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 Wax & Grease Remover followed by a PPG tack cloth to eliminate dirt prior to painting.

### Mixing Ratio:



<i>Deltron DAS302x</i>	:	<i>DT Reducer</i>	:	<i>DCX3030 Hardener</i>
3	:	1	:	1



Pot life is 2 hours @ 70°F / 21°C

### Tinting:

Not recommended

### Additives:



**DX814 Universal Flexibilizer** may be added with 10% DX814 to the ready-to-spray *Deltron DAS302x*.

<i>Ready-To-Spray DAS302x</i>	:	<i>DX814 Flexibilizer</i>
10	:	1

### Application:



Apply: 1 wet coat

### Air Pressure:

HVLP at air cap:	10 PSI
Conventional at spray gun:	40 – 45 PSI

### Spray gun Set-up:



Fluid Tip:	1.4 – 1.6 mm or equivalent
Spray Viscosity:	20 – 25 seconds #2 Zahn @ 70°F / 21°C
Film build per wet coat:	2.5 mils
Dried film build per coat:	1.0 mils

## Directions for Use

### Drying times:



Between coats 5 – 10 minutes

Dust-free  
70°F / 21°C 10 minutes

Dry to handle  
70°F / 21°C 1 hour

Tape Time  
70°F / 21°C 1½ hours



IR (Infrared)  
IR medium wave 10 minutes  
IR short wave 5 minutes



Before Topcoating 15 minutes @ 70°F / 21°C for 1 coat  
After 72 hours, sealer must be sanded.  
If sanded film is below 1 mil, sealer must be reapplied.

### Compatible Topcoats:

CONCEPT® (DCC) Acrylic Urethane  
DELSTAR® (DAR/DXR 80) Acrylic Polyurethane Enamel  
Deltron 2000 (DBC) Basecoat  
Deltron (DBU) Universal Basecoat\*

\* 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.

### Technical Data:

	DAS302X	DAS302X w/DX814
RTS Blend Ratio	3:1:1	3:1:1 + 10%
RTS VOC Regulatory (Less Water Less Exempts) lbs/US gal (g/L)	3.98 (477)	4.11 (493)
Total Solids by Weight (RTS)	47.96 %	47.0 %
Total Solids by Volume (RTS)	33.2 %	32.9 %
Sq. Ft Coverage / US Gal (RTS) 100% transfer Efficiency @ 1 mil	532	527
Recommended wet film build per coat	2.5 mils	2.5mils
Recommended dry film build per coat	1.0 mils	1.0 mils

# *A*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							
Mix Ratio			Grams				Parts			
			¼ Pint	½ Pint	Pint	Quart	¼ Pint	½ Pint	Pint	Quart
G1	DAS3021	3	110	<b>219</b>	438	<b>876</b>	123	<b>245</b>	491	<b>981</b>
	DCX3030	1	133	<b>265</b>	530	<b>1060</b>	149	<b>297</b>	594	<b>1187</b>
	DT870	1	153	<b>305</b>	610	<b>1221</b>	171	<b>342</b>	683	<b>1368</b>
G2	DAS3021	2.8	102	<b>204</b>	409	<b>818</b>	114	<b>228</b>	458	<b>916</b>
	DAS3025	0.2	110	<b>219</b>	438	<b>875</b>	123	<b>245</b>	491	<b>980</b>
	DCX3030	1	133	<b>265</b>	530	<b>1059</b>	149	<b>297</b>	594	<b>1186</b>
	DT870	1	153	<b>305</b>	610	<b>1219</b>	171	<b>342</b>	683	<b>1365</b>
G3	DAS3021	2	73	<b>146</b>	292	<b>584</b>	82	<b>164</b>	327	<b>654</b>
	DAS3025	1	109	<b>218</b>	436	<b>871</b>	122	<b>244</b>	488	<b>976</b>
	DCX3030	1	132	<b>264</b>	528	<b>1055</b>	148	<b>296</b>	591	<b>1182</b>
	DT870	1	152	<b>304</b>	608	<b>1215</b>	170	<b>340</b>	681	<b>1361</b>
G4	DAS3021	1	36	<b>73</b>	146	<b>292</b>	40	<b>82</b>	164	<b>327</b>
	DAS3025	2	108	<b>217</b>	434	<b>867</b>	121	<b>243</b>	486	<b>971</b>
	DCX3030	1	132	<b>263</b>	525	<b>1051</b>	148	<b>295</b>	588	<b>1177</b>
	DT870	1	152	<b>303</b>	606	<b>1211</b>	170	<b>339</b>	679	<b>1356</b>
G5	DAS3025	3	108	<b>215</b>	431	<b>862</b>	121	<b>241</b>	483	<b>965</b>
	DCX3030	1	131	<b>262</b>	523	<b>1046</b>	147	<b>293</b>	586	<b>1172</b>
	DT870	1	151	<b>302</b>	603	<b>1206</b>	169	<b>338</b>	675	<b>1351</b>
G6	DAS3025	2	72	<b>144</b>	288	<b>575</b>	81	<b>161</b>	323	<b>644</b>
	DAS3027	1	109	<b>218</b>	437	<b>874</b>	122	<b>244</b>	489	<b>979</b>
	DCX3030	1	132	<b>264</b>	529	<b>1058</b>	148	<b>296</b>	592	<b>1185</b>
	DT870	1	152	<b>304</b>	609	<b>1218</b>	170	<b>340</b>	682	<b>1364</b>
G7	DAS3027	3	112	<b>224</b>	448	<b>896</b>	125	<b>251</b>	502	<b>1004</b>
	DCX3030	1	135	<b>270</b>	540	<b>1080</b>	151	<b>302</b>	605	<b>1210</b>
	DT870	1	155	<b>310</b>	620	<b>1240</b>	174	<b>347</b>	694	<b>1389</b>

DAS3021 White  
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## V-SEAL Acrylic Urethane Sealers

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**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.

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

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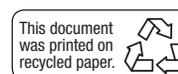
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