

Universal Matting Agent

SU4985

SU4985 is a Universal Matting Agent designed for use across product lines with compatible PPG topcoats. Motor manufacturers have been introducing various degrees of gloss in basecoat clearcoat finishes for bumper, clad and trim colors.

There are five levels of gloss available for clearcoats ranging from flat to semi-gloss. Gloss levels are represented as FC01-FC05 for PPG brands. The level of SU4985 in the formula will determine the degree of gloss.

Single stage topcoats are only offered in the three levels of flat, eggshell and semi-gloss.

Note: If mixing by volume is required, reference the volume mixing tables from OneChoice SU4985 document OC-02VOL.



Features and Benefits

- Easy mixing ratios
- Produces consistent results
- Five available levels of gloss
- Customer satisfaction
- Versatility and reliability

Advantages

- Can be used in DELTRON[®], ENVIROBASE[®] High Performance, VIBRANCE COLLECTION[®], OMNI[®] and SHOP-LINE[®] clearcoats and single stage topcoats.

Required Products

- SU4985 Universal Matting Agent

Related Products

- PPG brand clears and single stage topcoats.

Compatible Products

- ONECHOICE[®] SU4985 Universal Matting Agent is for use with PPG Brand clearcoats and single stage topcoats.

Note: When adding SU4985 to recommended PPG brand products, please refer to the products' specific technical bulletin for proper application.

The chart below indicates the number of parts or grams of clear, matting agent, hardener and reducer to make one ready to spray quart (32 oz.) of clear or single stage topcoat with varying degrees of gloss. To mix one pint (16 oz.), divide each number by 2. Unless specified below, additional reducers and hardeners that may be used for a particular paint system will appear in the product bulletin for that system. The numbers of coats, application and technique will determine final appearance. Slower solvents will produce best overall results. It is recommended to spray a test panel to verify. For additional ready to use volumes, refer to the PAINTMANAGER[®] program software.

All numbers are represented as NON-CUMULATIVE Parts (or Grams).

FC01=Flat		FC02= Matt		FC03=Eggshell		FC04=Satin		FC05= Semi-Gloss	
Product	Gloss Level	Clearcoat Parts (Grams)	SU4985 Parts (Grams)	Hardener Parts (Grams)	Reducer Parts (Grams)	Bulletin	VOC Less Water Less Exempts		
Delttron									
DCU2002	FC01	342 (304)	403 (357)	107 (95)	161 (143)	P-200	4.77 - 4.95 lbs./gal (572 - 593 g/L)		
	FC02	383 (340)	354 (314)	114 (101)	160 (142)				
	FC03	396 (351)	338 (300)	117 (104)	160 (141)				
	FC04	404 (358)	322 (286)	119 (106)	159 (141)				
	FC05	417 (369)	306 (272)	122 (108)	159 (141)				
DCU2021	FC01	335 (297)	410 (364)	107 (94)	161 (143)	P-199	4.78 - 4.96 lbs./gal (573 - 595 g/L)		
	FC02	362 (321)	378 (335)	112 (99)	161 (142)				
	FC03	375 (333)	362 (321)	114 (101)	160 (142)				
	FC04	389 (345)	346 (335)	116 (103)	160 (142)				
	FC05	415 (368)	314 (279)	121 (108)	159 (141)				
DCU2042	FC01	306 (271)	443 (392)	103 (91)	162 (144)	P-216	4.67 - 5.02 lbs./gal (560 - 602 g/L)		
	FC02	333 (296)	410 (363)	108 (96)	161 (143)				
	FC03	361 (320)	377 (335)	113 (100)	160 (142)				
	FC04	427 (379)	298 (264)	125 (111)	158 (140)				
	FC05	459 (407)	259 (230)	131 (116)	157 (139)				
DC2000	FC01	376 (333)	352 (312)	141 (125)	158 (140)	P-246	4.70 - 5.14 lbs./gal (563 - 616 g/L)		
	FC02	389 (345)	336 (298)	143 (127)	158 (140)				
	FC03	402 (357)	321 (284)	146 (129)	157 (140)				
	FC04	415 (368)	305 (270)	149 (132)	157 (139)				
	FC05	441 (391)	274 (243)	154 (136)	156 (139)				
DC3000	FC01	421 (373)	455 (403)	160 (142)	-	P-236	4.44 - 4.63 lbs./gal (532 - 555 g/L)		
	FC02	452 (401)	416 (369)	165 (146)	-				
	FC03	467 (414)	397 (352)	168 (149)	-				
	FC04	498 (441)	359 (318)	173 (154)	-				
	FC05	513 (455)	340 (301)	176 (156)	-				
DC4000	FC01	431 (382)	456 (405)	157 (139)	-	P-241	4.58 - 4.73 lbs./gal (549 - 567 g/L)		
	FC02	447 (396)	437 (387)	160 (142)	-				
	FC03	463 (410)	417 (370)	162 (144)	-				
	FC04	494 (438)	379 (336)	168 (149)	-				
	FC05	525 (466)	341 (302)	174 (154)	-				
DC4125	FC01	353 (313)	483 (428)	280 (249)	-	P-244	3.60 - 3.98 lbs./gal (431 - 477 g/L)		
	FC02	367 (326)	464 (411)	287 (254)	-				
	FC03	396 (351)	425 (377)	299 (265)	-				
	FC04	410 (363)	406 (360)	305 (270)	-				
	FC05	437 (388)	370 (328)	316 (281)	-				
DC5030	FC01	295 (262)	390 (346)	139 (123)	197 (175)	P-253	4.72 - 4.94 lbs./gal (566 - 592 g/L)		
	FC02	320 (284)	360 (319)	145 (129)	196 (174)				
	FC03	332 (295)	345 (306)	149 (132)	195 (173)				
	FC04	356 (316)	315 (280)	155 (137)	194 (172)				
	FC05	368 (327)	301 (267)	158 (140)	193 (172)				
DC5050	FC01	313 (277)	375 (333)	142 (125)	197 (175)	P-254	4.85 - 4.98 lbs./gal (581 - 597 g/L)		
	FC02	325 (289)	360 (319)	145 (128)	196 (174)				
	FC03	338 (300)	345 (306)	148 (131)	195 (173)				
	FC04	350 (311)	330 (293)	151 (134)	195 (173)				
	FC05	362 (321)	316 (280)	155 (137)	194 (172)				
DC7020	FC01	341 (302)	402 (357)	121 (107)	160 (142)	P-255	4.63 - 4.82 lbs./gal (555 - 578 g/L)		
	FC02	355 (314)	386 (342)	123 (109)	160 (142)				
	FC03	368 (326)	370 (328)	126 (112)	159 (141)				
	FC04	388 (344)	346 (307)	130 (115)	159 (141)				
	FC05	402 (356)	330 (292)	133 (118)	158 (140)				
DCC9300	FC01	462 (409)	464 (411)	72 (64)	111 (99)	P-168	4.66 - 5.53 lbs./gal (558 - 663 g/L)		
	FC03	492 (436)	424 (376)	72 (68)	119 (106)				
	FC05	616 (546)	266 (235)	96 (85)	149 (132)				

Product	Gloss Level	Clearcoat Parts (Grams)	SU4985 Parts (Grams)	Hardener Parts (Grams)	Reducer Parts (Grams)	Bulletin	VOC Less Water Less Exempts
Envirobase High Performance							
EC520	FC01	310 (351)	333 (376)	178 (201)	168 (190)	EB520NR	3.52 - 4.28 lbs./gal (422 - 513 g/L)
	FC02	323 (365)	320 (362)	182 (206)	168 (190)		
	FC03	348 (393)	393 (331)	190 (215)	166 (188)		
	FC04	361 (408)	280 (316)	194 (219)	165 (186)		
	FC05	385 (435)	255 (288)	202 (228)	164 (185)		
EC530	FC01	380 (337)	376 (333)	160 (142)	197 (175)	EB530NR	4.19 - 4.44 lbs./gal (496-532 g/L)
	FC02	395 (350)	361 (320)	164 (145)	196 (174)		
	FC03	410 (364)	346 (306)	167 (149)	196 (174)		
	FC04	425 (377)	331 (293)	171 (152)	195 (173)		
	FC05	440 (390)	316 (280)	175 (155)	194 (172)		
EC550	FC01	427 (379)	273 (243)	254 (226)	180 (160)	EB550NR	3.90-4.16 lbs./gal (467-497 g/L)
	FC02	420 (373)	281 (249)	252 (224)	180 (160)		
	FC03	407 (361)	295 (262)	247 (219)	181 (161)		
	FC04	401 (356)	302 (268)	244 (217)	182 (161)		
	FC05	381 (338)	324 (287)	236 (210)	183 (163)		
EC800	FC01	409 (363)	360 (319)	149 (132)	253 (224)	EB800	3.40 - 3.91 lbs./gal (407 - 469 g/L)
	FC02	453 (402)	312 (277)	158 (140)	253 (223)		
	FC03	468 (415)	297 (263)	160 (142)	251 (222)		
	FC04	482 (427)	281 (249)	163 (145)	250 (222)		
	FC05	511 (453)	250 (222)	168 (149)	249 (221)		
Product	Gloss Level	Clearcoat Parts (Grams)	SU4985 Parts (Grams)	Hardener Parts (Grams)	Reducer Parts (Grams)	Bulletin	VOC Less Water Less Exempts
Omni							
MC50	FC01	481 (427)	363 (322)	209 (185)	-	OB61	4.61 - 4.75 lbs./gal (552 - 569 g/L)
	FC02	497 (440)	345 (306)	211 (187)	-		
	FC03	527 (467)	308 (273)	215 (191)	-		
	FC04	542 (481)	290 (257)	218 (193)	-		
	FC05	557 (494)	272 (241)	220 (195)	-		
MC161	FC01	363 (322)	444 (394)	238 (211)	-	OB02	4.63 - 4.79 lbs./gal (555 - 574 g/L)
	FC02	390 (345)	406 (360)	247 (219)	-		
	FC03	403 (357)	388 (344)	252 (224)	-		
	FC04	416 (369)	370 (328)	257 (228)	-		
	FC05	441 (391)	333 (296)	266 (236)	-		
MC250	FC01	433 (384)	401 (356)	203 (180)	-	OB51	4.57 - 4.67 lbs./gal (548 - 560 g/L)
	FC02	448 (397)	383 (339)	207 (183)	-		
	FC03	462 (410)	364 (323)	210 (186)	-		
	FC04	476 (422)	345 (306)	213 (189)	-		
	FC05	490 (435)	327 (290)	216 (192)	-		
MC260	FC01	369 (327)	432 (383)	246 (218)	-	OB32	4.66 - 4.85 lbs./gal (558 - 581 g/L)
	FC02	396 (351)	394 (350)	255 (226)	-		
	FC03	422 (374)	358 (318)	264 (234)	-		
	FC04	448 (397)	323 (286)	273 (242)	-		
	FC05	473 (419)	288 (256)	282 (250)	-		
MC270	FC01	465 (412)	397 (352)	168 (149)	-	OB42	4.63 - 4.75 lbs./gal (555 - 569 g/L)
	FC02	476 (422)	381 (338)	171 (151)	-		
	FC03	488 (433)	352 (312)	173 (154)	-		
	FC04	512 (454)	338 (300)	176 (156)	-		
	FC05	534 (473)	312 (276)	179 (159)	-		
MC2800	FC01	360 (320)	438 (389)	241 (213)	-	OB57	4.30 - 4.36 lbs./gal (515 - 523 g/L)
	FC02	406 (360)	378 (335)	253 (224)	-		
	FC03	453 (401)	313 (277)	269 (239)	-		
	FC04	461 (409)	302 (268)	273 (242)	-		
	FC05	478 (424)	279 (247)	277 (246)	-		
MAE	FC01	504 (446)	354 (313)	97 (86)	97 (86)	OB16	4.91 - 5.21 lbs./gal (588 - 624 g/L)
	FC03	567 (502)	265 (235)	103 (91)	103 (91)		
	FC05	647 (573)	151 (134)	125 (111)	124 (110)		
MTK	FC01	504 (463)	354 (313)	117 (104)	97 (86)	OB09	4.48 - 5.18 lbs./gal (537 - 621 g/L)
	FC03	567 (521)	265 (235)	132 (117)	110 (97)		
	FC05	647 (596)	151 (134)	148 (134)	124 (110)		

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Product	Gloss Level	Clearcoat Parts (Grams)	SU4985 Parts (Grams)	Hardener Parts (Grams)	Reducer Parts (Grams)	Bulletin	VOC Less Water Less Exempts
Shop-Line							
JC60	FC01	481 (427)	363 (322)	209 (185)	-	SL60	4.61 - 4.75 lbs./gal (552 - 569 g/L)
	FC02	497 (440)	345 (306)	211 (187)	-		
	FC03	527 (467)	308 (273)	215 (191)	-		
	FC04	542 (481)	290 (257)	218 (193)	-		
	FC05	557 (494)	272 (241)	220 (195)	-		
JC620	FC01	433 (384)	401 (356)	203 (180)	-	SL620	4.57 - 4.67 lbs./gal (548 - 560 g/L)
	FC02	448 (397)	383 (339)	207 (183)	-		
	FC03	462 (410)	364 (323)	210 (186)	-		
	FC04	476 (422)	345 (306)	213 (189)	-		
	FC05	490 (435)	327 (290)	216 (192)	-		
JC630	FC01	457 (405)	406 (360)	163 (145)	-	SL630	4.61 - 4.76 lbs./gal (522 - 570) g/L
	FC02	488 (432)	368 (327)	169 (150)	-		
	FC03	503 (446)	349 (310)	171 (152)	-		
	FC04	518 (459)	330 (293)	174 (154)	-		
	FC05	548 (486)	293 (260)	179 (159)	-		
JC660	FC01	369 (327)	432 (383)	246 (218)	-	SL660	4.66 - 4.85 lbs./gal (558 - 581 g/L)
	FC02	396 (351)	394 (350)	255 (226)	-		
	FC03	422 (374)	358 (318)	264 (234)	-		
	FC04	448 (397)	323 (286)	273 (242)	-		
	FC05	473 (419)	288 (256)	282 (250)	-		
JC661	FC01	389 (345)	408 (362)	252 (223)	-	SL661	4.67 - 4.82 lbs./gal (560 - 578 g/L)
	FC02	405 (359)	386 (342)	256 (227)	-		
	FC03	424 (376)	358 (318)	265 (235)	-		
	FC04	437 (387)	338 (300)	270 (239)	-		
	FC05	472 (419)	295 (262)	279 (247)	-		
JC6700	FC01	356 (316)	454 (402)	234 (207)	-	SL6700	4.52 - 4.67 lbs./gal (542 - 560 g/L)
	FC02	370 (328)	435 (386)	239 (212)	-		
	FC03	388 (344)	408 (362)	243 (216)	-		
	FC04	396 (351)	397 (352)	248 (220)	-		
	FC05	422 (374)	360 (320)	258 (228)	-		
JC6800	FC01	360 (320)	438 (389)	241 (213)	-	SL6800	4.30 - 4.36 lbs./gal (515 - 523 g/L)
	FC02	406 (360)	378 (335)	253 (224)	-		
	FC03	453 (401)	313 (277)	269 (239)	-		
	FC04	461 (409)	302 (268)	273 (242)	-		
	FC05	478 (424)	279 (247)	277 (246)	-		
JAU	FC01	504 (463)	354 (313)	117 (104)	97 (86)	SLJAU	4.48 - 5.18 lbs./gal (537 - 621 g/L)
	FC03	567 (521)	265 (235)	132 (117)	110 (97)		
	FC05	647 (596)	151 (134)	148 (134)	124 (110)		
JEA	FC01	504 (446)	354 (313)	117 (104)	97 (86)	SLJEA	4.91 - 5.21 lbs./gal (588 - 624 g/L)
	FC03	567 (502)	265 (235)	132 (117)	110 (97)		
	FC05	647 (573)	151 (134)	148 (131)	124 (110)		
Product	Gloss Level	Clearcoat Parts (Grams)	SU4985 Parts (Grams)	Hardener Parts (Grams)	Reducer Parts (Grams)	Bulletin	VOC Less Water Less Exempts
Vibrance Collection							
VC5700	FC01	268 (238)	362 (321)	178 (158)	256 (227)	VB-24	4.62 - 4.95 lbs./gal (554 - 593 g/L)
	FC02	292 (259)	335 (297)	187 (166)	254 (225)		
	FC03	304 (270)	321 (285)	192 (170)	253 (224)		
	FC04	327 (290)	295 (261)	201 (178)	250 (222)		
	FC05	339 (301)	282 (250)	205 (182)	249 (221)		

Technical Data

Total dry film build:

Minimum	2.0 mils
Maximum	3.0 mils
Film build per wet coat	2.4 - 3.5 mils
Dried film build per coat	1.0 mils

Theoretical coverage 361 - 654 sq ft./US gal

(Theoretical coverage is sq. ft./ US Gal. Ready to spray (RTS), giving 1 mil dry film thickness)

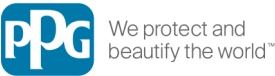
Percent solids by volume RTS 22.5 - 40.8%

Percent solids by weight RTS 29.2 - 48.7%

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

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 directions, 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.



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