

Glasureit Paint System

12 MONTHS 08/12/03

FRANK BROOKES & 11 2003 VOC. WATERBORNE 09/12/2003

PROD REF NO.	DESCRIPTION	PACK SIZE	VOC gms/ pack	Total VOC Used
NEW TECHNOLOGY				
Multi Effect Water Basecoat				
G11 E330	Multi Effect	125ML	59	0
G11 E440	Multi Effect	125ML	59	177
G11 E470	Multi Effect	125ML	59	59
G11 E630	Multi Effect	125ML	59	354
G11 E660	Multi Effect	125ML	59	59
G11 E830	Multi Effect	125ML	59	118
G11 E910	Multi Effect	125ML	59	354
G11 E920	Multi Effect	125ML	59	118

* - non compliant?

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all 472g/l

OK

G22 Line High Solids Topcoats

TOTAL VOC: 1295

G22 A105	All colours for mixing system	1 lr	370	370
G22 A126	All colours for mixing system	3.5 lr	370	1295
G22 A127	All colours for mixing system	1 lr	1295	370
G22 A131	All colours for mixing system	1 lr	370	370
G22 A168	All colours for mixing system	1 lr	370	370
G22 A172	All colours for mixing system	1 lr	370	370
G22 A346	All colours for mixing system	3.5 lr	1295	370
G22 M05	All colours for mixing system	1 lr	370	1295
G22 M146	All colours for mixing system	1 lr	370	370
G22 M201	All colours for mixing system	1 lr	370	370
G22 M26	All colours for mixing system	1 lr	370	370
G22 M31	All colours for mixing system	3.5 lr	1295	1295
G22 M38	All colours for mixing system	1 lr	370	370
G22 M39	All colours for mixing system	3.5 lr	1295	1295
G22 M43	All colours for mixing system	1 lr	370	370
G22 M52	All colours for mixing system	1 lr	370	370
G22 M60	All colours for mixing system	1 lr	370	370
G22 M63	All colours for mixing system	3.5 lr	1295	10360
G22 M68	All colours for mixing system	1 lr	370	370
G22 M77	All colours for mixing system	1 lr	370	370
G22 M96	All colours for mixing system	1 lr	370	370
G22 M974	All colours for mixing system	1 lr	370	1110

370
1057g/l
1295

4057
370g/l

370g/l

OK

TOTAL VOC 2290

G55 Line High Solids Basecolors - mixed system

G55 1240	All colours for mixing system	1 lr	730	0
G55 A143	All colours for mixing system	0.5 lr	365	0
G55 A335	All colours for mixing system	1 lr	718	0
G55 A531	All colours for mixing system	3.5 lr	2555	0
G55 A640	All colours for mixing system	1 lr	730	0
G55 A696	All colours for mixing system	2.1 lr	730	0
G55 M0	All colours for mixing system	1 lr	730	730
G55 M505	All colours for mixing system	1 lr	718	0
G55 M800	All colours for mixing system	1 lr	718	0
G55-1/2	Ready mix colour	500ml	350	350
G55-1250	Ready mixed black	1 lr	730	730
AG-1/2	Ready mix colour	500ml	285	285

730g/l

718g/l

730g/l
570g/l

TOTAL VOC 2095

F.A.O Gordon Camp

Ref: FRANK BROOKES LTD.

(EMILY ROXBROUGH)

76681143

76637464

from PETER BENNETT.

MORCHILL CENTRAL LTD

Glasurit Paint System

12 MONTHS 08/12/03

FRANK HINCHENKUS 6_11 2003 VOC_RH WATERBORNE09/12/2003

PROD REF NO	DESCRIPTION	PACK SIZE	VOC gm/l pack	Total VOC Used
G90 A031	Tinters	0.5 lr	230	1154
G90 A032	Tinters	0.5 lr	230	1154
G90 A105	Tinters	0.5 lr	230	1154
G90 A113	Tinters	0.5 lr	230	1154
G90 A134	Tinters	0.5 lr	230	1154
G90 A143	Tinters	0.5 lr	230	1154
G90 A148	Tinters	0.5 lr	230	1154
G90 A149	Tinters	0.5 lr	230	1154
G90 A177	Tinters	0.5 lr	230	1154
G90 A201	Tinters	0.5 lr	230	1154
G90 A307	Tinters	0.5 lr	230	1154
G90 A323	Tinters	0.5 lr	230	1154
G90 A329	Tinters	0.5 lr	230	1154
G90 A347	Tinters	0.5 lr	230	1154
G90 A349	Tinters	0.5 lr	230	1154
G90 A352	Tinters	0.5 lr	230	1154
G90 A355	Tinters	0.5 lr	230	1154
G90 A359	Tinters	0.5 lr	230	1154
G90 A372	Tinters	0.5 lr	230	1154
G90 A377	Tinters	0.5 lr	230	1154
G90 A390	Tinters	0.5 lr	230	1154
G90 A427	Tinters	0.5 lr	230	1154
G90 A430	Tinters	0.5 lr	230	1154
G90 A503	Tinters	0.5 lr	230	1154
G90 A531	Tinters	1 lr	526	4144
G90 A532	Tinters	1 lr	526	4144
G90 A530	Tinters	0.5 lr	230	1154
G90 A552	Tinters	1 lr	518	4144
G90 A554	Tinters	1 lr	518	4144
G90 A563	Tinters	1 lr	518	4144
G90 A640	Tinters	0.5 lr	230	1154
G90 A698	Tinters	1 lr	518	4144
G90 A924	Tinters	0.5 lr	230	1154
G90 A926	Tinters	0.5 lr	230	1154
G90 A927	Tinters	1 lr	518	4144
G90 A997	Tinters	0.5 lr	230	1154
G90 M1	Tinters	0.5 lr	230	1154
G90 M1-J	Tinters	0.5 lr	230	1154
G90 M99700	Tinters	1 lr	442	3536
G90 M99701	Tinters	0.5 lr	230	1154
G90 M99702	Tinters	1 lr	518	4144
G90 M99703	Tinters	1 lr	518	4144
G90 M99704	Tinters	0.5 lr	230	1154
G90 M99707	Tinters	0.5 lr	230	1154
G90 M99708	Tinters	0.5 lr	230	1154
G90 M99721	Tinters	1 lr	518	4144
G90 M99722	Tinters	0.5 lr	230	1154
G90 M010	Tinters	0.5 lr	230	1154
G90 M011	Tinters	0.5 lr	230	1154
G90 M176	Tinters	0.5 lr	272	1360
G90 M363	Tinters	0.5 lr	272	1360
G90 M364	Tinters	0.5 lr	272	1360
G90 M305	Tinters	0.5 lr	272	1360
G90 M306	Tinters	0.5 lr	272	1360
G90 A007	Tinters	0.5 lr	272	1360
G90 M319	Tinters	0.5 lr	282	1410
TOTAL VOC:				64178

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520

5

2564 y/l

assuming limit of 420g/l
none of above
- non compliant

Glasurit Paint System

12 MONTHS 08/12/03

FRANK BROOKES 0_11 2003 VOC.kb WATERBORNEP/12/2003

PROD REF NO	DESCRIPTION	PACK SIZE	VOC gms/RSK	Total VOC Used
Reducers				
G132-91	Glasurit Thinner	5lr	4380	26280
G352-216	Glasurit Thinner	5 lr	4600	41400

876
920

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TOTAL VOC **67680**

PROD REF NO	DESCRIPTION	PACK SIZE	VOC gms/RSK	Total VOC Used
Hardeners				
G929-28	Hardener	0.3 lr	1320	0
G929-28	Hardener	2.5 lr	1650	0
G929-31	Hardener	2.3 lr	1173	15400
G929-33	Hardener	1 lr	440	41800
G929-51	Hardener	2.5 lr	1525	16775
G929-71	Hardener	2.5 lr	1500	0
G929-73	Hardener	2.5 lr	1470	0
G929-91	Hardener	2.3 lr	1440	23200

to 800g/l
610
580g/l

TOTAL VOC **97175**

PROD REF NO	DESCRIPTION	PACK SIZE	VOC gms/RSK	Total VOC Used
Clear coat				
G923-144	Racing clear lacquer	1 lr	610	14030
G923-255	HS Multi clear		2315	2315
G923-35-5	HS low voc clear	5 lr	1810	86880
G923-57	Flexible matt clear	0.73 lr	492	492

TOTAL VOC **14030**

PROD REF NO	DESCRIPTION	PACK SIZE	VOC gms/RSK	Total VOC Used
Primers				
G285-16	Primer	1 lr	460	6524
G285-50	Primer	4 lr	1820	16380
G285-95	Primer	3 lr	1209	3627
IP565-908	Remsol etch primer	Aerosol	225	450

TOTAL VOC **26981**

PROD REF NO	DESCRIPTION	PACK SIZE	VOC gms/RSK	Total VOC Used
Plastic System				
G934-0	1k Plastic Primer	1 lr	676	5206

TOTAL VOC **5206**

PROD REF NO	DESCRIPTION	PACK SIZE	VOC gms/RSK	Total VOC Used
Special Additive Ancillaries				
G700-1	Silicone Remover	5 lr	408	2448
G352-500	Spot blender	0.5 lr	450	6300
G522-322	HS Mating agent	1 lr	880	1772
G522-340	Pine texture additive	1 lr	780	0
G522-MO	HS Mixing clear	3.3 lr	1508	4515
SH-7010	Silicone Remover	5 lr	3715	82170
G839-20-1.5	Body filler	1.5kg	225	4951
G541-5-5	Degreaser	5 lr	3000	7800
G522-MQVAs	HS Mixing clear	1 lr	263	0

TOTAL VOC **109956**

PROD REF NO	DESCRIPTION	PACK SIZE	VOC gms/RSK	Total VOC Used
Gunwash				
PERSTD-25	Gun Cleaner	25lr	20750	394250

TOTAL VOC **394250**

TOTAL VOC for 6 MONTHS June - Nov 03 **805780**

RETURNED WASTE SOLVENT

PROD REF NO	DESCRIPTION	PACK SIZE	VOC gms/RSK	Total VOC Used
TWM016	Waste Thinner	25lr	21125	-61374
TWM018	Waste Thinner	25lr	21125	0

TOTAL VOC **-61374**

TOTAL VOC RETURNED for 12 MONTHS February - January 03

TOTAL VOC FOR June 03 - Nov 03

742406

794

DEVILBISS

Operation Manual
GTI - Gravity Feed Spraygun

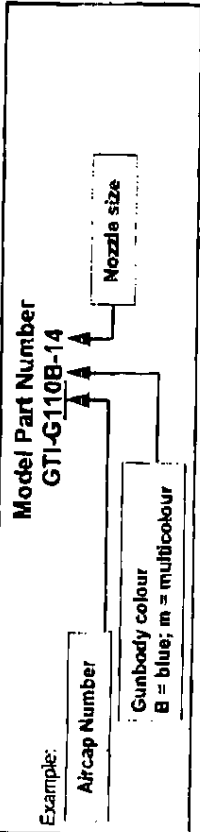
Important

Read and follow all instructions and Safety Precautions before using this equipment

Description

The GTI Gravity Feed Spraygun Kit is approved to ATEX regulations 94/9/EC, protection level: **II 2 G X, Suitable for use in Zones 1 and 2**

Important: These Sprayguns are suitable for use with both water-based and solvent based coating materials. The design uses EPA compliant atomising (Devilbiss Trans-Tech®) technology to reduce overspray and improve coating efficiency. Nozzles and Needles are manufactured in Stainless Steel. These guns are not designed for use with highly corrosive and/or abrasive materials and it used with such materials it must be expected that the need for cleaning and/or replacement of parts will be increased. If there is any doubt regarding the suitability of a specific material contact your local Distributor or ITW Finishing direct.



EC Declaration of Conformity

We, ITW Finishing UK, Ringwood Rd, Bourne-mouth, Dorset, BH11 9LH, UK, as the manufacturer of the Spraygun model GTI-G declare, under our sole responsibility, that the equipment to which this document relates is in conformity with the following standards or other normative documents:

BS EN 292-1 PARTS 1 & 2: 1991, BS EN 1953: 1999; and thereby conform to the protection requirements of Council Directive 98/77/EC relating to **Machinery Safety Directive**, and; EN 13463-1:2001, Council Directive 94/9/EC relating to **Equipment and Protective Systems intended for use in Potentially Explosive Atmospheres**, protection level **II 2 G X**

This product also complies with the requirements of the EPA guidelines, PGG/34. Transfer efficiency certificates are available on request.

B. Wood
B. Holt, General Manager

ITW Finishing Systems and Products reserve the right to modify equipment specification without prior notice.

SAFETY WARNINGS

<p>Fire and explosion</p> <p>Solvents and coating materials can be highly flammable or combustible when sprayed. ALWAYS refer to the coating material suppliers instructions and COSHH sheets before using this equipment</p> <p>Users must comply with all local and national codes of practice and insurance company requirements governing ventilation, fire precautions, operation and house-keeping of working areas</p> <p>This equipment, as supplied, is NOT suitable for use with Halogenated Hydrocarbons.</p> <p>Static Electricity can be generated by fluid and/or air passing through hoses, by the spraying process and by cleaning non-conductive parts with cloths. To prevent ignition sources from static discharges, earth continuity must be maintained to the spraygun and other metallic equipment used. It is essential to use conductive air and/or fluid hoses.</p>	<p>Always wear eye protection when spraying or cleaning the spraygun</p> <p>Gloves must be worn when spraying or cleaning the equipment</p> <p>Training - Personnel should be given adequate training in the safe use of spraying equipment.</p> <p>Misuse</p> <p>Never aim a spraygun at any part of the body</p> <p>Never exceed the max. recommended safe working pressure for the equipment</p> <p>The fitting of non-recommended or non-original spares may create hazards</p> <p>Before cleaning or maintenance, all pressure must be isolated and relieved from the equipment</p> <p>The product should be cleaned using a gun washing machine. However, this equipment should not be left inside gun washing machines for prolonged periods of time.</p>
<p>Personal Protective Equipment</p> <p>Toxic vapours - When sprayed, certain materials may be poisonous, create irritation or be otherwise harmful to health. Always read all labels and safety data sheets for the material before spraying and follow any recommendations. If In Doubt, Contact Your Material Supplier</p> <p>The use of respiratory protective equipment is recommended at all times. The type of equipment must be compatible with the material being sprayed.</p>	<p>Noise Levels</p> <p>The A-weighted sound level of sprayguns may exceed 85 dB (A) depending on the set-up being used. Details of actual noise levels are available on request. It is recommended that ear protection is worn at all times when spraying.</p> <p>Operating</p> <p>Spray Equipment using high pressures may be subject to recoil forces. Under certain circumstances, such forces could result in repetitive strain injury to the operator.</p>

PROD REF NO	DESCRIPTION	PACK SIZE	VOC gms/pack	Total VOC Used
NEW TECHNOLOGY				
Multi Effect Water Basecoat				
G10 E220	Multi Effekt	125ML	59	59
G11 E330	Multi Effekt	125ML	59	59
G12 E360	Multi Effekt	125ML	59	59
G11 E440	Multi Effekt	125ML	59	236
G11 E630	Multi Effekt	125ML	59	59
G11 E650	Multi Effekt	125ML	59	649
G11 E660	Multi Effekt	125ML	59	59
G11 E830	Multi Effekt	125ML	59	177
G11 E910	Multi Effekt	125ML	59	295
G11 E920	Multi Effekt	125ML	59	118

472g/l

TOTAL VOC **1770**

G22 Line High Solids Topcoats

G22 A105	All colours for mixing system	1 ltr	370	740
G22 A126	All colours for mixing system	3.5 ltr	370	1295
G22 A131	All colours for mixing system	1 ltr	370	370
G22 A160	All colours for mixing system	1 ltr	370	370
G22 A346	All colours for mixing system	3.5 ltr	1295	1295
G22 M201	All colours for mixing system	1 ltr	370	370
G22 M26	All colours for mixing system	3.5 ltr	1295	1295
G23 M326	All colours for mixing system	3.5 ltr	1295	1295
G22 M39	All colours for mixing system	1 ltr	370	370
G22 M52	All colours for mixing system	1 ltr	370	740
G22 M60	All colours for mixing system	3.5 ltr	1295	11655
G22 M974	All colours for mixing system	1 ltr	370	1110

All 370g/l

TOTAL VOC **20905**

G55 Line High Solids Basecolors - special prod? mixed system

G55 A696	All colours for mixing system	1 ltr	730	2920
G55 A929	All colours for mixing system	1 ltr	730	5110
G55 M99/22	All colours for mixing system	1 ltr	730	730

? 730g/l

TOTAL VOC **8760**

See Christmas Notes. Still using some paint lines which are compliant.

Top Coat ←
base

215g/l 518g/l

PROD REF NO	DESCRIPTION	PACK SIZE	VOC gms/ pack	Total VOC Used
G90 Line Waterbourne Basecoats				
G90 A031	Tinters	0.5 ltr	259	777
G90 A032	Tinters	0.5 ltr	259	777
G90 A306	Tinters	0.5 ltr	259	259
G90 A307	Tinters	0.5 ltr	259	259
G90 A323	Tinters	0.5 ltr	259	518
G90 A349	Tinters	0.5 ltr	259	518
G90 A352	Tinters	0.5 ltr	259	518
G90 A359	Tinters	0.5 ltr	259	520
G90 A427	Tinters	0.5 ltr	259	518
G90 A430	Tinters	0.5 ltr	259	518
G90 A503	Tinters	1 ltr	520	2072
G90 A531	Tinters	1 ltr	520	1036
G90 A532	Tinters	0.5 ltr	259	259
G90 A552	Tinters	1 ltr	518	1036
G90 A563	Tinters	0.5 ltr	259	777
G90 A640	Tinters	1 ltr	518	1036
G90 A696	Tinters	0.5 ltr	259	259
G90 A926	Tinters	1 ltr	518	4144
G90 A927	Tinters	0.5 ltr	259	518
G90 A997	Tinters	0.5 ltr	259	518
G90 M1-1	Tinters	1 ltr	442	2210
G90 M99/00	Tinters	0.5 ltr	259	1295
G90 M99/01	Tinters	1 ltr	518	3108
G90 M99/02	Tinters	1 ltr	518	2072
G90 M99/03	Tinters	0.5 ltr	259	777
G90 M99/04	Tinters	0.5 ltr	259	777
G90 M99/08	Tinters	1 ltr	518	1554
G93 M010	Tinters	0.5 ltr	272	554
G93 M363	Tinters	0.5 ltr	272	272
G93 M505	Tinters	0.5 ltr	272	1088
G98 A097	Tinters	0.5 ltr	282	564
TOTAL VOC				31108

Need

Glasurit Paint System

6 MONTHS Dec 02 - May 03

FRANK BROOKES Dec02 - May 03 VOC.xls WATERBORNE23-02-04

PROD REF.NO.	DESCRIPTION	PACK SIZE	VOC gms/ pack	Total VOC Used
Reducers - Special				
G352-91	Glasurit Thinner	5ltr	4390	39420
G352-216	Glasurit Thinner	5 ltr	4600	41400

876 - 1 part of 200g/1 x 20 mix

TOTAL VOC **80820**

PROD REF.NO.	DESCRIPTION	PACK SIZE	VOC gms/ pack	Total VOC Used
Hardeners - Special				
G929-28	Hardener	2.5 ltr	1650	3300
G929-31	Hardener	2.5 ltr	1173	13200
G929-33	Hardener	1 ltr	340	24200
G929-51	Hardener	2.5 ltr	1525	16775
G929-71	Hardener	2.5 ltr	1500	3000
G929-73	Hardener	2.5 ltr	1470	10291
G929-91	Hardener	2.5 ltr	1450	46400

620

TOTAL VOC **117166**

Top coat + clear

PROD REF.NO.	DESCRIPTION	PACK SIZE	VOC gms/ pack	Total VOC Used
Clear coat				
G923-144	Racing clear laquer	1 ltr	610	11590
G923-255	HS Multi clear		2315	2315
G923-35-5	HS low voc clear	5 ltr	1810	54300

TOTAL VOC **11590**

PROD REF.NO.	DESCRIPTION	PACK SIZE	VOC gms/ pack	Total VOC Used
Primers - Special - 840g/l				
G285-16	Primer	1 ltr	466	5592
G285-50	Primer	4 ltr	1820	20020
G7671	Primer	2.5 ltr	144	144
G285-95	Primer	3 ltr	1209	3627

455g/l

TOTAL VOC **29383**

PROD REF.NO.	DESCRIPTION	PACK SIZE	VOC gms/ pack	Total VOC Used
Plastic System - Special				
G934-0	1k Plastic Primer	1 ltr	876	14892

TOTAL VOC **14892**

PROD REF.NO.	DESCRIPTION	PACK SIZE	VOC gms/ pack	Total VOC Used
Special Additive Ancillaries - Special				
G700-1	Silicone Remover	5 ltr	408	408
G352-500	Spot blender	0.5 ltr	450	5850
G522-322	HS Matting agent	1 ltr	886	1772
G522-MO	HS Mixing clear	3.5 ltr	1505	6020
SH-7010	Silicone Remover	5 ltr	735	100845
G839-20-1.5	Body filler	1.5kg	225	7875
G522-MO/35	HS Mixing clear	1 ltr	265	264

900g/l

747

TOTAL VOC **122506**

PROD REF.NO.	DESCRIPTION	PACK SIZE	VOC gms/ pack	Total VOC Used
Solvent base 2Pack colour/Basecoat				
LECCEL-1	Mixed Colour	1 ltr		1194
LIS-0.5	Mixed Colour	0.5ltr		268
PERMX2K-0.5	Mixed Colour	0.5 ltr		237

? ->

TOTAL VOC **1699**

PROD REF.NO.	DESCRIPTION	PACK SIZE	VOC gms/ pack	Total VOC Used
Gunwash				
PERSTD-25	Gun Cleaner	25ltr	20750	62250

830g/l

TOTAL VOC **62250**

TOTAL VOC for 6 MONTHS Dec 02 - May 03 **502849**

RETURNED WASTE SOLVENT

PROD REF.NO.	DESCRIPTION	PACK SIZE	VOC gms/ pack	Total VOC Used
TWM016	Waste Thinner	25ltr	21125	0
TWM018	Waste Thinner	25ltr	21125	0

TOTAL VOC **0**

TOTAL VOC RETURNED for 6 MONTHS Dec 02 - May 03

TOTAL VOC FOR Dec 02- May 03

502849