

HOSTATINT™ A 100
RAL SHADES
HOSTATINT™ A 100 RAL-FARB TÖNE



Preface

VORWORT

Hostatint™ A 100 RAL shades

FORMULATIONS BASED ON HOSTATINT A 100 PIGMENT PREPARATIONS

Hostatint A 100 pastes are solvent-containing pigment preparations based on a carrier resin (aldehyde resin) that was developed specially for industrial paint applications.

Only durable organic and inorganic pigments were selected for high quality paint applications. The pastes are produced within narrow tolerances of shade and color strength allowing highly consistent paint production path with manual and automatic dispensers. The solvents and additives are carefully selected, therefore a hazardous labelling or special storage requirements associated with their flammability is not necessary. Hostatint A 100 shows good compatibility and can thus be added in the usual amount to virtually all types of solvent-based industrial paint systems.

The formulations are based on RAL 841-GL (high gloss) color register and shades were adjusted as close as possible (delta E at D65 standard light < 1.0). Hostatint A 100 colorants were blended into an alkyd melamine baking system at complete opacity, note that these colorants can be loaded up to 25-30 % without any negative effect on gloss and flow. Loading need to be optimized for each system as it may differ depending on the resin type. Generally for every formulation, the optimum loading is important to achieve the best opacity and cost parameters.

Depending on the specific application conditions, resin and additives the amount of individual colorants can vary. Generally all present formulations can be transferred to any other solvent based binder system (e. g. acrylate, long-oil-alkyd, epoxy, polyester, polyurethane) as long as compatibility is given.

As a guideline, we recommend the following Hostatint A 100 colorant loadings for different shade areas:

ca. 20-25 %	ca. 10-15 %	ca. 5-10 %
Yellow, Orange	Red	Pink, Violet, Blue, Green, Gray, Brown, White, Black

Major features

- Wide selection of pigments
- High pigment loading and good rheological properties
- Good compatibility in all major solvent-based industrial paint systems
- Suitable for automatic and manual dispensers
- No hazardous labeling
- No special storage requirements associated with their flammability

IMPORTANT NOTES

- Pre-testing in the customer specific paint system is absolutely necessary especially with regard to compatibility and maximum addition rates
- The colour index data in this brochure relate to the basic powder pigment
- The data given in this brochure may vary slightly because these pigment preparations are standardized in respect to tinctorial strength, hue and chroma

Specifications

Relative tinting strength:	95 - 105 %	(gravimetric + volumetric)
Hue:	dH = ± 0.50	(CIELAB units)
Chroma:	dC = ± 0.80	(CIELAB units)
Total color difference:	dE = 0 - 1.0	(CIELAB units)

Hostatint™ A 100 RAL-Farbtöne

FORMULIERUNGEN AUF BASIS VON HOSTATINT A 100 PIGMENT-PRÄPARATIONEN

Hostatint A 100 Pasten sind lösemittelhaltige Pigment-Präparationen auf Basis eines Trägerharzes (Aldehydharz), die speziell für Industrielack-Anwendungen entwickelt wurden.

Die Pigmentaushwahl basiert ausschließlich auf hochwertigen und beständigen organischen sowie anorganischen Pigmenten für qualitativ hochwertige Lackierungen. Die Pasten werden in sehr engen Toleranzen im Hinblick auf Farbton und Farbstärke produziert, so dass eine reproduzierbare Lackproduktion sowohl mit automatischen als auch mit manuellen Dosiermaschinen möglich ist. Die verwendeten Lösemittel und Additive wurden sorgfältig ausgewählt, so dass eine Kennzeichnungspflicht oder spezielle Lagervorschriften, wie bei anderen gebräuchlichen Präparationen hinsichtlich deren Entflammbarkeit entfallen. Hostatint A 100 zeigt eine gute Verträglichkeit und kann somit in den üblichen Zugabemengen in allen gebräuchlichen Lösemittel basierenden Industrielacksystemen verwendet werden.

Zur Nachstellung der Farbtöne dient das Farbbregister RAL 841-GL (hochglänzend), welche so naheliegend wie möglich eingestellt wurden (delta E bei D65 Normlicht < 1.0). Die Farbtöne wurden in einem Alkyd-Melaminharz-Einbrennlack deckend eingestellt und ausgearbeitet. Die maximale Zugabemenge der Hostatint A 100 Pasten liegt bei ca. 25-30%, ohne dass ein negativer Einfluß auf den Glanz des Lackes im Prüfsystem (Alkyd-Melaminharz-Einbrennlack) zu beobachten war. Jedoch ist dieses in Abhängigkeit vom jeweiligen Bindemittelsystem individuell zu prüfen. Generell muß für jeden Farbton separat die optimale Zugabemenge ermittelt werden, um das bestmögliche Verhältnis zwischen Deckvermögen und Kosten zu erreichen.

Die angegebenen Mengenanteile der einzelnen Pasten können unter den konkreten Anwendungsbedingungen variieren, vor allem bedingt durch abweichende Bindemittel und Additive. Entsprechende Korrekturen sind somit von Fall zu Fall erforderlich. Grundsätzlich können die Rezepte auch auf andere lösemittelhaltige Bindemittelsysteme (z. B. Acrylat, Langölkalkyd, Epoxy, Polyester, Polyurethan) übertragen werden.

Folgende Zugabemengen empfehlen wir als Orientierung für die unterschiedlichen Farbtonbereiche:

ca. 20-25 %	ca. 10-15 %	ca. 5-10 %
Gelb, Orange	Rot	Pink, Violett, Blau, Grün, Grau, Braun, Weiß, Schwarz

Haupteigenschaften

- Breite Pigmentaushwahl
- Sehr hohe Pigmentkonzentration und gute rheologische Eigenschaften
- Gute Verträglichkeit in den meisten Lösemittel basierenden Industrielacksystemen
- Für automatische und manuelle Dosiermaschinen geeignet
- Keine Gefahrgut Kennzeichnung
- Keine besondere Lagerung notwendig bezüglich der Entflammbarkeit

WICHTIGE HINWEISE



















- Vorprüfungen im Kundensystem sind zwingend, insbesondere im Hinblick auf die Verträglichkeit und maximale Zugabemenge
- Der Colour Index in dieser Broschüre bezieht sich auf das in der Präparation verwendete Pulverpigment
- Die angegebenen technischen Daten können leicht variieren, da die Präparationen in Bezug auf Farbstärke, Farbton und Chroma standardisiert werden

Spezifikationen

Relative Farbstärke:	95 - 105 %	(gravimetrisch + volumetrisch)
Bunton (Farbtonwinkel):	dH = ± 0.50	(CIELAB Einheiten)
Buntheit (Reinheit):	dC = ± 0.80	(CIELAB Einheiten)
Gesamtfarbabstand:	dE = 0 - 1.0	(CIELAB Einheiten)

Hostatint A 100

PIGMENT PREPARATIONS

PRODUCT NAME	C. I. PIGMENT	C. I. NO.	DENSITY	PIGMENT CONTENT	SOLID CONTENT	SOLVENT CONTENT
			g/cm ³	approx. %	approx. %	approx. %
 HOSTATINT YELLOW A-F2G 100	Pigment Yellow 194	11785	1.19	36	59	41
 HOSTATINT YELLOW A-H3G 100	Pigment Yellow 154	11781	1.22	42	65	35
 HOSTATINT YELLOW A-HRD 100	Pigment Yellow 83	21108	1.16	28	52	48
 HOSTATINT ORANGE A-HLD 100	Pigment Orange 36	11780	1.26	43	60	40
 HOSTATINT RED A-D3GD 130	Pigment Red 254	56110	1.23	33	62	38
 HOSTATINT PINK A-E 130	Pigment Red 122	73915	1.14	19	45	55
 HOSTATINT RED VIOLET A-ER 130	Pigment Violet 19	73900	1.12	19	50	50
 HOSTATINT VIOLET A-RL 100	Pigment Violet 23	51319	1.12	12	40	60
 HOSTATINT BLUE A-BG 100	Pigment Blue 15:3	74160	1.17	24	60	40
 HOSTATINT GREEN A-GNX 130	Pigment Green 7	74260	1.22	23	50	50
 HOSTATINT BLACK A-N 100	Pigment Black 7	77266	1.17	21	55	45
 HOSTATINT OXIDE YELLOW A-BV 100	Pigment Yellow 184	771740	2.25	64	80	20
 HOSTATINT OXIDE YELLOW A-CR 100	Pigment Brown 24	77310	2.08	64	82	18
 HOSTATINT OXIDE YELLOW A-R 100	Pigment Yellow 42	77492	1.71	50	68	32
 HOSTATINT OXIDE RED A-B 100	Pigment Red 101	77491	2.06	62	78	22
 HOSTATINT TRANSOXIDE YELLOW A-2R 130	Pigment Yellow 42	77492	1.51	39	66	34
 HOSTATINT TRANSOXIDE RED A-G 130	Pigment Red 101	77491	1.57	40	67	33
 HOSTATINT WHITE A-R 100	Pigment White 6	77891	1.90	59	79	21

RAL 1000 Colors

RAL 1000 FARBTÖNE

RAL 1000-GL	GREEN BEIGE / GRÜNBEIGE	8
RAL 1001-GL	BEIGE / BEIGE	8
RAL 1002-GL	SAND YELLOW / SANDGELB	8
RAL 1003-GL	SIGNAL YELLOW / SIGNALGELB	8
RAL 1004-GL	GOLDEN YELLOW / GOLDGELB	9
RAL 1005-GL	HONEY YELLOW / HONIGGELB	9
RAL 1006-GL	MAIZE YELLOW / MAISGELB	9
RAL 1007-GL	DAFFODIL YELLOW / NARZISSENGELB	9
RAL 1011-GL	BROWN BEIGE / BRAUNBEIGE	10
RAL 1012-GL	LEMON YELLOW / ZITRONENGELB	10
RAL 1013-GL	OYSTER WHITE / PERLWEISS	10
RAL 1014-GL	IVORY / ELFENBEIN	10
RAL 1015-GL	LIGHT IVORY / HELLELFENBEIN	11
RAL 1016-GL	SULFUR YELLOW / SCHWEFELGELB	11
RAL 1017-GL	SAFFRON YELLOW / SAFRANGELB	11
RAL 1018-GL	ZINC YELLOW / ZINKGELB	11
RAL 1019-GL	GREY BEIGE / GRAUBEIGE	12
RAL 1020-GL	OLIVE YELLOW / OLIVGELB	12
RAL 1021-GL	RAPE YELLOW / RAPSGELB	12
RAL 1023-GL	TRAFFIC YELLOW / VERKEHRSGELB	12
RAL 1024-GL	OCHRE YELLOW / OCKERGELB	13
RAL 1027-GL	CURRY / CURRYGELB	13
RAL 1028-GL	MELON YELLOW / MELONENGELB	13
RAL 1032-GL	BROOM YELLOW / GINSTERGELB	13
RAL 1033-GL	DAHLIA YELLOW / DAHLIENGELB	14
RAL 1034-GL	PASTEL YELLOW / PASTELGELB	14
RAL 1037-GL	SUN YELLOW / SONNENGELB	14

RAL 1000-GL

GREEN BEIGE

GRÜNBEIGE

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	5.12
	Hostatint Oxide Yellow A-R 100	9.24
	Hostatint White A-R 100	85.21
	Hostatint Black A-N 100	0.43
2	Hostatint Yellow A-F2G 100	2.47
	Hostatint Oxide Yellow A-R 100	9.85
	Hostatint White A-R 100	87.25
	Hostatint Black A-N 100	0.43

RAL 1001-GL

BEIGE

BEIGE

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-F2G 100	1.34
	Hostatint Pink A-E 130	0.80
	Hostatint Oxide Yellow A-R 100	13.37
	Hostatint White A-R 100	84.22
	Hostatint Black A-N 100	0.27
2	Hostatint Yellow A-H3G 100	4.03
	Hostatint Pink A-E 130	0.45
	Hostatint Oxide Yellow A-R 100	13.10
	Hostatint White A-R 100	82.17
	Hostatint Black A-N 100	0.25

RAL 1002-GL

SAND YELLOW

SANDGELB

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	4.85
	Hostatint Oxide Yellow A-R 100	24.22
	Hostatint White A-R 100	70.74
	Hostatint Black A-N 100	0.19
2	Hostatint Yellow A-F2G 100	2.15
	Hostatint Oxide Yellow A-R 100	26.24
	Hostatint White A-R 100	71.40
	Hostatint Black A-N 100	0.21

RAL 1003-GL

SIGNAL YELLOW

SIGNALGELB

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	55.22
	Hostatint Yellow A-HRD 100	13.43
	Hostatint Oxide Yellow A-R 100	8.96
	Hostatint White A-R 100	22.39
2	Hostatint Yellow A-F2G 100	32.70
	Hostatint Yellow A-HRD 100	22.61
	Hostatint Oxide Yellow A-R 100	7.54
	Hostatint White A-R 100	37.15

RAL 1004-GL

GOLDEN YELLOW

GOLDGELB

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-F2G 100	43.30
	Hostatint Yellow A-HRD 100	6.92
	Hostatint Oxide Yellow A-R 100	17.31
	Hostatint White A-R 100	32.47
2	Hostatint Yellow A-H3G 100	66.85
	Hostatint Yellow A-HRD 100	2.31
	Hostatint Oxide Yellow A-R 100	15.42
	Hostatint White A-R 100	15.42

RAL 1005-GL

HONEY YELLOW

HONIGGELB

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	74.79
	Hostatint Yellow A-HRD 100	9.75
	Hostatint Oxide Yellow A-R 100	11.55
	Hostatint White A-R 100	3.76
	Hostatint Black A-N 100	0.15
2	Hostatint Yellow A-F2G 100	58.66
	Hostatint Yellow A-HRD 100	9.69
	Hostatint Oxide Yellow A-R 100	19.87
	Hostatint White A-R 100	11.63
	Hostatint Black A-N 100	0.15

RAL 1006-GL

MAIZE YELLOW

MAISGELB

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	71.47
	Hostatint Yellow A-HRD 100	3.74
	Hostatint Orange A-HLD 100	1.33
	Hostatint Oxide Yellow A-R 100	13.33
	Hostatint White A-R 100	10.13
2	Hostatint Yellow A-F2G 100	59.02
	Hostatint Yellow A-HRD 100	8.20
	Hostatint Orange A-HLD 100	1.64
	Hostatint Oxide Yellow A-R 100	11.48
	Hostatint White A-R 100	19.66

RAL 1007-GL

DAFFODIL YELLOW

NARZISSENGELB

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-F2G 100	11.30
	Hostatint Yellow A-HRD 100	70.06
	Hostatint Oxide Yellow A-R 100	13.59
	Hostatint White A-R 100	5.05
2	Hostatint Yellow A-H3G 100	16.42
	Hostatint Yellow A-HRD 100	62.93
	Hostatint Oxide Yellow A-R 100	13.68
	Hostatint Oxide Red A-B 100	0.14
	Hostatint White A-R 100	6.83

RAL 1011-GL

BROWN BEIGE

BRAUNBEIGE

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-R 100	53.94
	Hostatint Oxide Red A-B 100	2.64
	Hostatint White A-R 100	42.84
	Hostatint Black A-N 100	0.58

RAL 1012-GL

LEMON YELLOW

ZITRONENGELB

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	53.79
	Hostatint Oxide Yellow A-R 100	10.25
	Hostatint White A-R 100	35.86
	Hostatint Black A-N 100	0.10
2	Hostatint Yellow A-F2G 100	38.25
	Hostatint Oxide Yellow A-R 100	14.87
	Hostatint Whit A-R 100	46.75
	Hostatint Black A-N 100	0.13

RAL 1013-GL

OYSTER WHITE

PERLWEISS

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-R 100	1.70
	Hostatint Oxide Red A-B 100	0.05
	Hostatint White A-R 100	98.15
	Hostatint Black A-N 100	0.10

RAL 1014-GL

IVORY

ELFENBEIN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-BV 100	1.14
	Hostatint Oxide Yellow A-R 100	7.99
	Hostatint White A-R 100	90.73
	Hostatint Black A-N 100	0.14

RAL 1015-GL

LIGHT IVORY

HELLELFENBEIN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-R 100	4.07
	Hostatint White A-R 100	95.86
	Hostatint Black A-N 100	0.07

RAL 1016-GL

SULFUR YELLOW

SCHWEFELGELB

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	11.12
	Hostatint Green A-GNX 130	0.07
	Hostatint Oxide Yellow A-R 100	0.42
	Hostatint Oxide Yellow A-BV 100	46.30
	Hostatint White A-R 100	42.09
2	Hostatint Yellow A-F2G 100	5.91
	Hostatint Green A-GNX 130	0.05
	Hostatint Oxide Yellow A-BV 100	52.63
	Hostatint Oxide Yellow A-R 100	0.59
	Hostatint White A-R 100	40.82

RAL 1017-GL

SAFFRON YELLOW

SAFRANGELB

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	14.62
	Hostatint Yellow A-HRD 100	16.24
	Hostatint Oxide Yellow A-B 100	0.92
	Hostatint White A-R 100	68.22
2	Hostatint Yellow A-F2G 100	7.76
	Hostatint Yellow A-HRD 100	16.55
	Hostatint Oxide Red A-B 100	1.19
	Hostatint White A-R 100	74.50

RAL 1018-GL

ZINC YELLOW

ZINKGELB

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-F2G 100	30.14
	Hostatint Oxide Yellow A-R 100	4.94
	Hostatint White A-R 100	64.92
2	Hostatint Yellow A-H3G 100	40.305
	Hostatint Oxide Yellow A-BV 100	5.610
	Hostatint Oxide Yellow A-R 100	3.060
	Hostatint White A-R 100	51.020
	Hostatint Black A-N 100	0.005

RAL 1019-GL

GREY BEIGE

GRAUBEIGE

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-R 100	16.61
	Hostatint Oxide Red A-B 100	2.22
	Hostatint White A-R 100	79.73
	Hostatint Black A-N 100	1.44

RAL 1020-GL

OLIVE YELLOW

OLIVGELB

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-HRD 100	5.77
	Hostatint Oxide Yellow A-BV 100	5.42
	Hostatint Oxide Yellow A-R 100	14.82
	Hostatint White A-R 100	72.63
	Hostatint Black A-N 100	1.36

RAL 1021-GL

COLZA YELLOW

RAPSGELB

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	92.84
	Hostatint Oxide Yellow A-R 100	0.51
	Hostatint White A-R 100	6.63
	Hostatint Black A-N 100	0.02
2	Hostatint Yellow A-F2G 100	79.95
	Hostatint Yellow A-HRD 100	1.02
	Hostatint Oxide Yellow A-R 100	3.81
	Hostatint White A-R 100	15.22

RAL 1023-GL

TRAFFIC YELLOW

VERKEHRSGELB

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-F2G 100	62.91
	Hostatint Oxide Yellow A-CR 100	11.27
	Hostatint Oxide Yellow A-R 100	1.41
	Hostatint White A-R 100	24.41
2	Hostatint Yellow A-H3G	86.28
	Hostatint Oxide Yellow A-CR 100	4.06
	Hostatint White A-R 100	9.64
	Hostatint Black A-N 100	0.02

RAL 1024-GL OCHRE YELLOW OCKERGELB

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	8.72
	Hostatint Oxide Yellow A-R 100	47.24
	Hostatint White A-R 100	43.58
	Hostatint Black A-N 100	0.46
2	Hostatint Yellow A-F2G 100	4.10
	Hostatint Oxide Yellow A-R 100	50.26
	Hostatint White A-R 100	45.13
	Hostatint Black A-N 100	0.51

RAL 1027-GL CURRY CURRYGELB

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-F2G 100	32.26
	Hostatint Green A-GNX 130	0.55
	Hostatint Oxide Yellow A-R 100	55.44
	Hostatint White A-R 100	11.60
	Hostatint Black A-N 100	0.15
2	Hostatint Yellow A-H3G 100	52.63
	Hostatint Green A-GNX 130	0.35
	Hostatint Oxide Yellow A-R 100	40.94
	Hostatint White A-R 100	5.85
	Hostatint Black A-N 100	0.23

RAL 1028-GL MELON YELLOW MELONENGELB

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-HRD 100	78.95
	Hostatint Oxide Yellow A-BV 100	8.95
	Hostatint Oxide Yellow A-R 100	1.58
	Hostatint White A-R 100	10.52

RAL 1032-GL BROOM YELLOW GINSTERGELB

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	64.23
	Hostatint Oxide Yellow A-R 100	18.78
	Hostatint White A-R 100	16.96
	Hostatint Black A-N 100	0.03
2	Hostatint Yellow A-F2G 100	42.64
	Hostatint Yellow A-HRD 100	1.02
	Hostatint Oxide Yellow A-R 100	23.85
	Hostatint White A-R 100	32.48
	Hostatint Black A-N 100	0.01

RAL 1033-GL

DAHLIA YELLOW

DAHLIENGELB

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-F2G 100	26.36
	Hostatint Yellow A-HRD 100	21.38
	Hostatint Orange A-HLD 100	2.29
	Hostatint Oxide Yellow A-R 100	5.97
	Hostatint White A-R 100	44.00
2	Hostatint Yellow A-H3G 100	42.03
	Hostatint Yellow A-HRD 100	17.22
	Hostatint Orange A-HLD 100	1.77
	Hostatint Oxide Yellow A-R 100	5.06
	Hostatint White A-R 100	33.92

RAL 1034-GL

PASTEL YELLOW

PASTELGELB

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	27.75
	Hostatint Orange A-HLD 100	5.24
	Hostatint Oxide Yellow A-R 100	12.04
	Hostatint White A-R 100	54.97
2	Hostatint Yellow A-F2G 100	13.96
	Hostatint Orange A-HLD 100	5.84
	Hostatint Oxide Yellow A-R 100	10.66
	Hostatint White A-R 100	69.54

RAL 1037-GL

SUN YELLOW

SONNENGELB

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-F2G 100	25.57
	Hostatint Yellow A-HRD 100	32.36
	Hostatint Orange A-HLD 100	1.88
	Hostatint Oxide Yellow A-R 100	9.92
	Hostatint White A-R 100	30.27
2	Hostatint Yellow A-H3G 100	38.90
	Hostatint Yellow A-HRD 100	28.49
	Hostatint Orange A-HLD 100	1.37
	Hostatint Oxide Yellow A-R 100	9.86
	Hostatint White A-R 100	21.38

RAL 2000 Colors

RAL 2000 FARBTÖNE

RAL 2000-GL	YELLOW ORANGE / GELBORANGE	16
RAL 2001-GL	RED ORANGE / ROTORANGE	16
RAL 2002-GL	VERMILION / BLUTORANGE	16
RAL 2003-GL	PASTEL ORANGE / PASTELLORANGE	16
RAL 2004-GL	PURE ORANGE / REINORANGE	17
RAL 2008-GL	BRIGHT RED ORANGE / HELLROTORANGE	17
RAL 2009-GL	TRAFFIC ORANGE / VERKEHRSORANGE	17
RAL 2010-GL	SIGNAL ORANGE / SIGNALORANGE	17
RAL 2011-GL	DEEP ORANGE / TIEFORANGE	18
RAL 2012-GL	SALMON ORANGE / LACHSORANGE	18

RAL 2000-GL YELLOW ORANGE GELBORANGE

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-HRD 100	82.04
	Hostatint Orange A-HLD 100	8.69
	Hostatint White A-R 100	9.17
	Hostatint Black A-N 100	0.10

RAL 2001-GL RED ORANGE ROTORANGE

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-HRD 100	24.26
	Hostatint Orange A-HLD 100	50.67
	Hostatint White A-R 100	24.80
	Hostatint Black A-N 100	0.27

RAL 2002-GL VERMILLION BLUTORANGE

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	80.87
	Hostatint Pink A-E 130	5.39
	Hostatint Oxide Yellow A-R 100	4.58
	Hostatint White A-R 100	9.16

RAL 2003-GL PASTEL ORANGE PASTELLORANGE

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-HRD 100	41.18
	Hostatint Orange A-HLD 100	14.70
	Hostatint White A-R 100	44.12

RAL 2004-GL PURE ORANGE REINORANGE

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-HRD 100	83.58
	Hostatint Red A-D3GD 130	3.88
	Hostatint White A-R 100	12.54

RAL 2008-GL BRIGHT RED ORANGE HELLROTORANGE

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-HRD 100	49.14
	Hostatint Orange A-HLD 100	18.86
	Hostatint Oxide Yellow A-CR 100	2.29
	Hostatint White A-R 100	29.71

RAL 2009-GL TRAFFIC ORANGE VERKEHRSORANGE

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-HRD 100	61.58
	Hostatint Orange A-HLD 100	27.09
	Hostatint Oxide Yellow A-R 100	0.49
	Hostatint White A-R 100	10.84

RAL 2010-GL SIGNAL ORANGE SIGNALORANGE

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-HRD 100	43.75
	Hostatint Orange A-HLD 100	28.13
	Hostatint Oxide Yellow A-R 100	12.50
	Hostatint White A-R 100	15.62

RAL 2011-GL DEEP ORANGE TIEFORANGE

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-HRD 100	50.53
	Hostatint Orange A-HLD 100	12.23
	Hostatint Oxide Yellow A-R 100	5.32
	Hostatint White A-R 100	31.92

RAL 2012-GL SALMON ORANGE LACHSORANGE

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	38.70
	Hostatint Red A-D3GD 130	0.77
	Hostatint Oxide Yellow A-R 100	2.42
	Hostatint White A-R 100	58.06
	Hostatint Black A-N 100	0.05

RAL 3000 Colors

RAL 3000 FARBTÖNE

RAL 3000-GL	FLAME RED / FEUERROT	20
RAL 3001-GL	SIGNAL RED / SIGNALROT	20
RAL 3002-GL	CARMINE RED / KARMINROT	20
RAL 3003-GL	RUBY RED / RUBINROT	20
RAL 3004-GL	PURPLE RED / PURPURROT	21
RAL 3005-GL	WINE RED / WEINROT	21
RAL 3007-GL	BLACK RED / SCHWARZROT	21
RAL 3009-GL	OXIDE RED / OXIDROT	21
RAL 3011-GL	BROWN RED / BRAUNROT	22
RAL 3012-GL	BEIGE RED / BEIGEROT	22
RAL 3013-GL	TOMATO RED / TOMATENROT	22
RAL 3014-GL	ANTIQUE PINK / ALTROSA	22
RAL 3015-GL	LIGHT PINK / HELLROSA	23
RAL 3016-GL	CORAL RED / KORALLENROT	23
RAL 3017-GL	ROSE / ROSÉ	23
RAL 3018-GL	STRAWBERRY RED / ERDBEERROT	23
RAL 3020-GL	TRAFFIC RED / VERKEHRSROT	24
RAL 3022-GL	SALMON PINK / LACHSROT	24
RAL 3027-GL	RASPBERRY RED / HIMBEERROT	24
RAL 3028-GL	PUR RED / REINROT	24
RAL 3031-GL	ORIENT RED / ORIENTROT	25

RAL 3000-GL

FLAME RED

FEUERROT

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	41.51
	Hostatint Red A-D3GD 130	25.47
	Hostatint Oxide Red A-B 100	7.55
	Hostatint Oxide Yellow A-R 100	7.55
	Hostatint Whit A-R 100	17.92

RAL 3001-GL

SIGNAL RED

SIGNALROT

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	17.42
	Hostatint Red A-D3GD 130	58.42
	Hostatint Oxide Red A-B 100	11.24
	Hostatint White A-R 100	12.92

RAL 3002-GL

CARMINE RED

KARMINROT

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	54.19
	Hostatint Pink A-E 130	42.11
	Hostatint Oxide Red A-B 100	1.49
	Hostatint White A-R 100	2.21

RAL 3003-GL

RUBY RED

RUBINROT

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	34.10
	Hostatint Pink A-E 130	64.00
	Hostatint Oxide Red A-B 100	1.45
	Hostatint White A-R 100	0.45

RAL 3004-GL

PURPLE RED

PURPURROT

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	42.04
	Hostatint Red Violet A-ER 130	52.55
	Hostatint Oxide Red A-B 100	2.10
	Hostatint White A-R 100	3.15
	Hostatint Black A-B 100	0.16

RAL 3005-GL

WINE RED

WEINROT

Recipe number	FORMULATION	Parts [%]
1	Hostatint Red Violet A-ER 130	57.34
	Hostatint Oxide Red A-B 100	36.55
	Hostatint White A-R 100	4.41
	Hostatint Black A-N 100	1.70

RAL 3007-GL

BLACK RED

SCHWARZROT

Recipe number	FORMULATION	Parts [%]
1	Hostatint Red Violet A-ER 130	47.93
	Hostatint Oxide Yellow A-R 100	25.62
	Hostatint Oxide Red A-B 100	19.84
	Hostatint Black A-N 100	6.61

RAL 3009-GL

OXIDE RED

OXIDROT

Recipe number	FORMULATION	Parts [%]
1	Hostatint Red Violet A-ER 130	6.14
	Hostatint Oxide Yellow A-R 100	6.14
	Hostatint Oxide Red A-B 100	70.18
	Hostatint White A-R 100	14.47
	Hostatint Black A-N 100	3.07

RAL 3011-GL

BROWN RED

BRAUNROT

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	31.50
	Hostatint Pink A-E 130	52.69
	Hostatint Oxide Yellow A-R 100	11.46
	Hostatint Oxide Red A-B 100	4.01
	Hostatint Black A-B 100	0.34

RAL 3012-GL

BEIGE RED

BEIGEROT

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	12.74
	Hostatint Oxide Yellow A-R 100	4.63
	Hostatint Oxide Red A-B 100	1.16
	Hostatint White A-R 100	81.06
	Hostatint Black A-N 100	0.41

RAL 3013-GL

TOMATO RED

TOMATENROT

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	48.86
	Hostatint Pink A-E 130	21.59
	Hostatint Oxide Yellow A-R 100	8.52
	Hostatint Oxide Red A-B 100	12.50
	Hostatint White A-R 100	8.53

RAL 3014-GL

ANTIQUÉ PINK

ALTROSA

Recipe number	FORMULATION	Parts [%]
1	Hostatint Red A-D3GD 130	5.65
	Hostatint Oxide Yellow A-R 100	12.56
	Hostatint White A-R 100	81.63
	Hostatint Black A-N 100	0.16

RAL 3015-GL

LIGHT PINK

HELLROSA

Recipe number	FORMULATION	Parts [%]
1	Hostatint Red A-D3GD 130	1.78
	Hostatint Oxide Yellow A-R 100	2.66
	Hostatint White A-R 100	95.43
	Hostatint Black A-N 100	0.13

RAL 3016-GL

CORAL RED

KORALLENROT

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	62.02
	Hostatint Red A-D3GD 130	9.74
	Hostatint White A-R 100	27.68
	Hostatint Black A-N 100	0.56

RAL 3017-GL

ROSE

ROSÉ

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	18.82
	Hostatint Red A-D3GD 130	4.71
	Hostatint Pink A-E 130	10.59
	Hostatint Oxide Red A-B 100	1.18
	Hostatint White A-R 100	64.70

RAL 3018-GL

STRAWBERRY RED

ERDBEERROT

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	15.09
	Hostatint Red A-D3GD 130	20.69
	Hostatint Oxide Red A-B 100	1.29
	Hostatint White A-R 100	62.93

RAL 3020-GL TRAFFIC RED VERKEHRSROT

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	85.13
	Hostatint Red A-D3GD 130	13.33
	Hostatint Oxide Red A-B 100	0.51
	Hostatint Oxide Yellow A-BV 100	1.03

RAL 3022-GL SALMON PINK LACHSROT

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-HRD 100	28.82
	Hostatint Pink A-E 130	10.59
	Hostatint Oxide Red A-B 100	1.77
	Hostatint White A-R 100	58.82

RAL 3027-GL RASPBERRY RED HIMBEERROT

Recipe number	FORMULATION	Parts [%]
1	Hostatint Red A-D3GD 130	32.62
	Hostatint Pink A-E 130	29.22
	Hostatint White A-R 100	38.12
	Hostatint Black A-N 100	0.04

RAL 3028-GL PURE RED REINROT

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-HRD 100	37.79
	Hostatint Orange A-HLD 100	18.60
	Hostatint Red A-D3GD 130	20.93
	Hostatint White A-R 100	22.68

RAL 3031-GL

ORIENT RED

ORIENTROT

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	17.41
	Hostatint Red A-D3GD 130	27.98
	Hostatint Oxide Yellow A-R 100	3.71
	Hostatint White A-R 100	50.24
	Hostatint Black A-N 100	0.66

RAL 4000 Colors

RAL 4000 FARBTÖNE

RAL 4001-GL	RED LILAC / ROTLILA	28
RAL 4002-GL	RED VIOLET / ROTVIOLETT	28
RAL 4003-GL	HEATHER VIOLET / ERIKAVIOLETT	28
RAL 4004-GL	CLARET VIOLET / BORDEAUXVIOLETT	28
RAL 4005-GL	BLUE LILAC / BLAULILA	29
RAL 4006-GL	TRAFFIC PURPLE / VERKEHRSPURPUR	29
RAL 4007-GL	PURPLE VIOLET / PURPURVIOLETT	29
RAL 4008-GL	SIGNAL VIOLET / SIGNALVIOLETT	29
RAL 4009-GL	PASTEL VIOLET / PASTELLVIOLETT	30
RAL 4010-GL	TELEMAGENTA / TELEMAGENTA	30

RAL 4001-GL

RED LILAC

ROTLILA

Recipe number	FORMULATION	Parts [%]
1	Hostatint Red Violet A-ER 130	20.67
	Hostatint Oxide Red A-B 100	3.88
	Hostatint White A-R 100	74.29
	Hostatint Black A-N 100	1.16

RAL 4002-GL

RED VIOLET

ROTVIOLETT

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	24.48
	Hostatint Red Violet A-ER 130	5.21
	Hostatint Oxide Yellow A-R 100	18.23
	Hostatint Oxide Red A-B 100	18.23
	Hostatint White A-R 100	33.85

RAL 4003-GL

HEATHER VIOLET

ERIKAVIOLETT

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	3.26
	Hostatint Pink A-E 130	24.18
	Hostatint White A-R 100	72.55
	Hostatint Black A-N 100	0.01

RAL 4004-GL

CLARET VIOLET

BORDEAUXVIOLETT

Recipe number	FORMULATION	Parts [%]
1	Hostatint Red Violet A-ER 130	72.58
	Hostatint Oxide Red A-B 100	12.90
	Hostatint White A-R 100	14.52

RAL 4005-GL

BLUE LILAC

BLAULILA

Recipe number	FORMULATION	Parts [%]
1	Hostatint Red Violet A-ER 130	5.69
	Hostatint Violet A-RL 100	8.57
	Hostatint Oxide Red A-B 100	2.71
	Hostatint White A-R 100	81.23
	Hostatint Black A-N 100	1.80

RAL 4006-GL

TRAFFIC PURPLE

VERKEHRSPURPUR

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	56.60
	Hostatint White A-R 100	37.74
	Hostatint Black A-N 100	5.66

RAL 4007-GL

PURPLE VIOLET

PURPURVIOLETT

Recipe number	FORMULATION	Parts [%]
1	Hostatint Red Violet A-ER 130	66.59
	Hostatint Violet A-RL 100	1.46
	Hostatint Oxide Yellow A-R 100	14.60
	Hostatint White A-R 100	15.58
	Hostatint Black A-N 100	1.87

RAL 4008-GL

SIGNAL VIOLET

SIGNALVIOLETT

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	42.35
	Hostatint Violet A-RL 100	0.74
	Hostatint White A-R 100	55.45
	Hostatint Black A-N 100	1.46

RAL 4009-GL

PASTEL VIOLET

PASTELLVIOLETT

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	2.85
	Hostatint Oxide Red A-B 100	3.99
	Hostatint White A-R 100	91.17
	Hostatint Black A-N 100	1.99

RAL 4010-GL

TELEMAGENTA

TELEMAGENTA

Recipe number	FORMULATION	Parts [%]
1	Hostatint Red A-D3GD 130	5.74
	Hostatint Pink A-E 130	38.28
	Hostatint White A-R 100	55.98

RAL 5000 Colors

RAL 5000 FARBTÖNE

RAL 5000-GL	VIOLET BLUE / VIOLETTBLAU	32
RAL 5001-GL	GREEN BLUE / GRÜNBLAU	32
RAL 5002-GL	ULTRAMARINE BLUE / ULTRAMARINBLAU	32
RAL 5003-GL	SAPPHIRE BLUE / SAPHIRBLAU	32
RAL 5004-GL	BLACK BLUE / SCHWARZBLAU	33
RAL 5005-GL	SIGNAL BLUE / SIGNALBLAU	33
RAL 5007-GL	BRILLIANT BLUE / BRILLANTBLAU	33
RAL 5008-GL	GREY BLUE / GRAUBLAU	33
RAL 5009-GL	AZURE BLUE / AZURBLAU	34
RAL 5010-GL	GENTIAN BLUE / ENZIANBLAU	34
RAL 5011-GL	STEEL BLUE / STAHLBLAU	34
RAL 5012-GL	LIGHT BLUE / LICHTBLAU	34
RAL 5013-GL	COBALT BLUE / KOBALTBLAU	35
RAL 5014-GL	PIGEON BLUE / TAUBENBLAU	35
RAL 5015-GL	SKY BLUE / HIMMELBLAU	35
RAL 5017-GL	TRAFFIC BLUE / VERKEHRSBLAU	35
RAL 5018-GL	TURQUOISE BLUE / TÜRKISBLAU	36
RAL 5019-GL	CAPRI BLUE / CAPRIBLAU	36
RAL 5020-GL	OCEAN BLUE / OZEANBLAU	36
RAL 5021-GL	WATER BLUE / WASSERBLAU	36
RAL 5022-GL	NIGHT BLUE / NACHTBLAU	37
RAL 5023-GL	DISTANT BLUE / FERNBLAU	37
RAL 5024-GL	PASTEL BLUE / PASTELLBLAU	37

RAL 5000-GL VIOLET BLUE VIOLETTBLAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Violet A-RL 100	12.31
	Hostatint Blue A-BG 100	23.86
	Hostatint Oxide Red A-B 100	8.90
	Hostatint White A-R 100	54.93

RAL 5001-GL GREEN BLUE GRÜNBLAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	2.96
	Hostatint Blue A-BG 100	43.84
	Hostatint Oxide Red A-B 100	12.32
	Hostatint White A-R 100	40.88

RAL 5002-GL ULTRAMARINE BLUE ULTRAMARINBLAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Violet A-RL 100	25.25
	Hostatint Blue A-BG 100	40.40
	Hostatint White A-R 100	34.35

RAL 5003-GL SAPPHIRE BLUE SAPHIRBLAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	26.46
	Hostatint Blue A-BG 100	39.95
	Hostatint White A-R 100	28.50
	Hostatint Black A-N 100	5.09

RAL 5004-GL

BLACK BLUE

SCHWARZBLAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	25.00
	Hostatint Blue A-BG 100	42.26
	Hostatint White A-R 100	8.93
	Hostatint Black A-N 100	23.81

RAL 5005-GL

SIGNAL BLUE

SIGNALBLAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Violet A-RL 100	2.24
	Hostatint Blue A-BG 100	64.61
	Hostatint White A-R 100	32.97
	Hostatint Black A-N 100	0.18

RAL 5007-GL

BRILLIANT BLUE

BRILLANTBLAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	12.88
	Hostatint Blue A-BG 100	13.70
	Hostatint Oxide Yellow A-R 100	7.12
	Hostatint White A-R 100	65.21
	Hostatint Black A-N 100	1.09

RAL 5008-GL

GREY BLUE

GRAUBLAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	5.90
	Hostatint Blue A-BG 100	15.01
	Hostatint White A-R 100	49.33
	Hostatint Black A-N 100	29.75

RAL 5009-GL

AZURE BLUE

AZURBLAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	6.63
	Hostatint Blue A-BG 100	22.96
	Hostatint Oxide Yellow A-R 100	5.10
	Hostatint White A-R 100	61.23
	Hostatint Black A-N 100	4.08

RAL 5010-GL

GENTIAN BLUE

ENZIANBLAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	10.19
	Hostatint Blue A-BG 100	51.92
	Hostatint Green A-GNX 130	1.99
	Hostatint Oxide Yellow A-R 100	2.43
	Hostatint White A-R 100	33.47

RAL 5011-GL

STEEL BLUE

STAHLBLAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	19.23
	Hostatint Blue A-BG 100	53.85
	Hostatint White A-R 100	16.48
	Hostatint Black A-N 100	10.44

RAL 5012-GL

LIGHT BLUE

LICHTBLAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	3.06
	Hostatint Blue A-BG 100	14.99
	Hostatint White A-R 100	81.46
	Hostatint Black A-N 100	0.49

RAL 5013-GL COBALT BLUE KOBALTBLAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	32.27
	Hostatint Blue A-BG 100	36.36
	Hostatint White A-R 100	27.27
	Hostatint Black A-N 100	4.10

RAL 5014-GL PIGEON BLUE TAUBENBLAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	4.65
	Hostatint Blue A-BG 100	3.72
	Hostatint White A-R 100	88.37
	Hostatint Black A-N 100	3.26

RAL 5015-GL SKY BLUE HIMMELBLAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	3.56
	Hostatint Blue A-BG 100	23.74
	Hostatint White A-R 100	71.22
	Hostatint Black A-N 100	1.48

RAL 5017-GL TRAFFIC BLUE VERKEHRSBLAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Blue A-BG 100	63.31
	Hostatint Green A-GNX 130	2.16
	Hostatint White A-R 100	34.53

RAL 5018-GL

TURQUOISE BLUE

TÜRKISBLAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	0.75
	Hostatint Blue A-BG 100	13.03
	Hostatint Oxide Yellow A-CR 100	26.57
	Hostatint White A-R 100	59.65

RAL 5019-GL

CAPRI BLUE

CAPRIBLAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	10.90
	Hostatint Blue A-BG 100	33.83
	Hostatint Green A-GNX 130	3.76
	Hostatint Oxide Yellow A-BV 100	3.38
	Hostatint White A-R 100	48.13

RAL 5020-GL

OCEAN BLUE

OZEANBLAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	4.51
	Hostatint Blue A-BG 100	48.12
	Hostatint Green A-GNX 130	30.08
	Hostatint White A-R 100	16.04
	Hostatint Black A-N 100	1.25
2	Hostatint Yellow A-F2G 100	1.77
	Hostatint Blue A-BG 100	48.32
	Hostatint Green A-GNX 130	31.23
	Hostatint White A-R 100	17.09
	Hostatint Black A-N 100	1.59

RAL 5021-GL

WATER BLUE

WASSERBLAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Blue A-BG 100	11.96
	Hostatint Green A-GNX 130	22.97
	Hostatint Oxide Red A-B 100	3.83
	Hostatint White A-R 100	62.24

RAL 5022-GL

NIGHT BLUE

NACHTBLAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	51.49
	Hostatint Blue A-BG 100	26.79
	Hostatint White A-R 100	20.83
	Hostatint Black A-N 100	0.89

RAL 5023-GL

DISTANT BLUE

FERNBLAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	11.76
	Hostatint Blue A-BG 100	10.16
	Hostatint Oxide Yellow A-R 100	4.81
	Hostatint White A-R 100	71.57
	Hostatint Black A-N 100	1.60

RAL 5024-GL

PASTEL BLUE

PASTELLBLAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	1.75
	Hostatint Blue A-BG 100	4.41
	Hostatint White A-R 100	92.26
	Hostatint Black A-N 100	1.58

RAL 6000 Colors

RAL 6000 FARBTÖNE

RAL 6000-GL	PATINA GREEN / PATINAGRÜN	40
RAL 6001-GL	EMERALD GREEN / SMARAGDGRÜN	40
RAL 6002-GL	LEAF GREEN / LAUBGRÜN	40
RAL 6003-GL	OLIVE GREEN / OLIVGRÜN	40
RAL 6004-GL	BLUE GREEN / BLAUGRÜN	41
RAL 6005-GL	MOSS GREEN / MOOSGRÜN	41
RAL 6006-GL	GREY OLIVE / GRAUOLIV	41
RAL 6007-GL	BOTTLE GREEN / FLASCHENGRÜN	41
RAL 6008-GL	BROWN GREEN / BRAUNGRÜN	42
RAL 6009-GL	FIR GREEN / TANNENGRÜN	42
RAL 6010-GL	GRASS GREEN / GRASGRÜN	42
RAL 6011-GL	RESEDA GREEN / RESEDAGRÜN	42
RAL 6012-GL	BLACK GREEN / SCHWARZGRÜN	43
RAL 6013-GL	REED GREEN / SCHILFGRÜN	43
RAL 6014-GL	YELLOW OLIVE / GELBOLIV	43
RAL 6015-GL	BLACK OLIVE / SCHWARZOLIV	43
RAL 6016-GL	TURQUOISE GREEN / TÜRKISGRÜN	44
RAL 6017-GL	MAY GREEN / MAIGRÜN	44
RAL 6018-GL	YELLOW GREEN / GELBGRÜN	44
RAL 6019-GL	PASTEL GREEN / WEISSGRÜN	44
RAL 6020-GL	CHROME GREEN / CHROMOXIDGRÜN	45
RAL 6021-GL	PALE GREEN / BLASSGRÜN	45
RAL 6022-GL	OLIVE DRAB / BRAUNOLIV	45
RAL 6024-GL	TRAFFIC GREEN / VERKEHRSGRÜN	45
RAL 6025-GL	FERN GREEN / FARNGRÜN	46
RAL 6026-GL	OPAL GREEN / OPALGRÜN	46
RAL 6027-GL	LIGHT GREEN / LICHTGRÜN	46
RAL 6028-GL	PINE GREEN / KIEFERNGRÜN	46
RAL 6029-GL	MINT GREEN / MINZGRÜN	47
RAL 6031-F9	BRONZE GREEN / BRONZEGRÜN	47
RAL 6032-GL	SIGNAL GREEN / SIGNALGRÜN	47
RAL 6033-GL	MINT TURQUOISE / MINTTÜRKIS	47
RAL 6034-GL	PASTEL TURQUOISE / PASTELLTÜRKIS	48
RAL 6037-GL	PURE GREEN / REINGRÜN	48

RAL 6000-GL PATINA GREEN PATINAGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	4.43
	Hostatint Green A-GNX 130	18.23
	Hostatint Oxide Yellow A-R 100	13.80
	Hostatint White A-R 100	59.89
	Hostatint Black A-N 100	3.65
2	Hostatint Yellow A-F2G 100	2.40
	Hostatint Green A-GNX 130	18.67
	Hostatint Oxide Yellow A-R 100	14.40
	Hostatint White A-R 100	60.80
	Hostatint Black A-N 100	3.73

RAL 6001-GL EMERALD GREEN SMARAGDGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	16.06
	Hostatint Green A-GNX 130	21.57
	Hostatint Oxide Yellow A-R 100	49.71
	Hostatint White A-R 100	12.56
	Hostatint Black A-N 100	0.10
2	Hostatint Yellow A-F2G 100	8.53
	Hostatint Green A-GNX 130	23.08
	Hostatint Oxide Yellow A-R 100	53.69
	Hostatint White A-R 100	14.55
	Hostatint Black A-N 100	0.15

RAL 6002-GL LEAF GREEN LAUBGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	57.84
	Hostatint Blue A-BG 100	9.19
	Hostatint Oxide Yellow A-R 100	31.35
	Hostatint White A-R 100	1.62
2	Hostatint Yellow A-F2G 100	40.00
	Hostatint Blue A-BG 100	11.89
	Hostatint Oxide Yellow A-R 100	42.16
	Hostatint White A-R 100	5.95

RAL 6003-GL OLIVE GREEN OLIVGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	12.66
	Hostatint Green A-GNX 130	4.22
	Hostatint Oxide Yellow A-R 100	52.54
	Hostatint White A-R 100	22.98
	Hostatint Black A-N 100	7.60

RAL 6004-GL

BLUE GREEN

BLAUGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Blue A-BG 100	5.61
	Hostatint Green A-GNX 130	45.92
	Hostatint White A-R 100	37.76
	Hostatint Black A-N 100	10.71

RAL 6005-GL

MOSS GREEN

MOOSGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Green A-GNX 130	55.44
	Hostatint Oxide Yellow A-R 100	34.71
	Hostatint White A-R 100	6.22
	Hostatint Black A-N 100	3.63

RAL 6006-GL

GREY OLIVE

GRAUOLIV

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	23.55
	Hostatint Green A-GNX 130	0.88
	Hostatint Oxide Yellow A-R 100	39.26
	Hostatint Oxide Red A-B 100	2.21
	Hostatint White A-R 100	16.68
	Hostatint Black A-N 100	17.42

RAL 6007-GL

BOTTLE GREEN

FLASCHENGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	40.95
	Hostatint Green A-GNX 130	29.32
	Hostatint Oxide Red A-B 100	22.24
	Hostatint White A-R 100	5.06
	Hostatint Black A-N 100	2.43

RAL 6008-GL BROWN GREEN BRAUNGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-HRD 100	69.77
	Hostatint Oxide Red A-B 100	4.07
	Hostatint White A-R 100	4.65
	Hostatint Black A-N 100	21.51

RAL 6009-GL FIR GREEN TANNENGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	7.88
	Hostatint Green A-GNX 130	24.63
	Hostatint Oxide Yellow A-R 100	52.22
	Hostatint White A-R 100	2.46
	Hostatint Black A-N 100	12.81
2	Hostatint Yellow A-F2G 100	18.66
	Hostatint Green A-GNX 130	25.93
	Hostatint Oxide Yellow A-R 100	35.57
	Hostatint White A-R 100	5.11
	Hostatint Black A-N 100	14.73

RAL 6010-GL GRASS GREEN GRASGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	58.36
	Hostatint Green A-GNX 130	9.55
	Hostatint Oxide Yellow A-R 100	15.38
	Hostatint White A-R 100	14.85
	Hostatint Black A-N 100	1.86

RAL 6011-GL RESEDA GREEN RESEDAGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	28.88
	Hostatint Green A-GNX 130	4.28
	Hostatint Oxide Yellow A-R 100	2.14
	Hostatint White A-R 100	60.96
	Hostatint Black A-N 100	3.74

RAL 6012-GL

BLACK GREEN

SCHWARZGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Blue A-BG 100	14.48
	Hostatint Green A-GNX 130	1.88
	Hostatint Oxide Yellow A-R 100	49.33
	Hostatint White A-R 100	18.23
	Hostatint Black A-N 100	16.08

RAL 6013-GL

REED GREEN

SCHILFGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-HRD 100	14.67
	Hostatint Blue A-BG 100	1.41
	Hostatint Oxide Yellow A-R 100	18.34
	Hostatint White A-R 100	61.73
	Hostatint Black A-N 100	3.85

RAL 6014-GL

YELLOW OLIVE

GELBOLIV

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-HRD 100	23.12
	Hostatint Oxide Yellow A-R 100	47.40
	Hostatint Oxide Red A-B 100	1.16
	Hostatint White A-R 100	13.87
	Hostatint Black A-N 100	14.45

RAL 6015-GL

BLACK OLIVE

SCHWARZOLIV

Recipe number	FORMULATION	Parts [%]
1	Hostatint Green A-GNX 130	16.62
	Hostatint Oxide Yellow A-BV 100	21.05
	Hostatint Red A-B 100	22.16
	Hostatint White A-R 100	24.38
	Hostatint Black A-N 100	15.79

RAL 6016-GL TURQUOISE GREEN TÜRKISGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	17.26
	Hostatint Green A-GNX 130	42.19
	Hostatint White A-R 100	37.87
	Hostatint Black A-N 100	2.68

RAL 6017-GL MAY GREEN MAIGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	36.83
	Hostatint Blue A-BG 100	2.74
	Hostatint Green A-GNX 130	4.72
	Hostatint Oxide Yellow A-R 100	26.91
	Hostatint White A-R 100	28.80

RAL 6018-GL YELLOW GREEN GELBGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	64.30
	Hostatint Green A-GNX 130	6.50
	Hostatint White A-R 100	28.87
	Hostatint Black A-N 100	0.33

RAL 6019-GL PASTEL GREEN WEISSGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	2.55
	Hostatint Green A-GNX 130	0.83
	Hostatint Oxide Yellow A-R 100	1.98
	Hostatint White A-R 100	94.45
	Hostatint Black A-N 100	0.19

RAL 6020-GL

CHROME GREEN

CHROMOXIDGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Green A-GNX 130	10.53
	Hostatint Oxide Yellow A-R 100	66.32
	Hostatint White A-R 100	13.94
	Hostatint Black A-N 100	9.21

RAL 6021-GL

PALE GREEN

BLASSGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	5.86
	Hostatint Green A-GNX 130	2.20
	Hostatint Oxide Yellow A-R 100	12.04
	Hostatint White A-R 100	78.54
	Hostatint Black A-N 100	1.36

RAL 6022-GL

OLIVE DRAB

BRAUNOLIV

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-HRD 100	64.07
	Hostatint Oxide Red A-B 100	4.23
	Hostatint White A-R 100	13.21
	Hostatint Black A-N 100	18.49

RAL 6024-GL

TRAFFIC GREEN

VERKEHRSGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	31.99
	Hostatint Green A-GNX 130	25.53
	Hostatint White A-R 100	41.53
	Hostatint Black A-N 100	0.95

RAL 6025-GL

FERN GREEN

FARNGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Green A-GNX 130	8.94
	Hostatint Oxide Yellow A-R 100	73.61
	Hostatint White A-R 100	16.82
	Hostatint Black A-N 100	0.63

RAL 6026-GL

OPAL GREEN

OPALGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	1.96
	Hostatint Blue A-BG 100	1.96
	Hostatint Green A-GNX 130	66.22
	Hostatint White A-R 100	28.20
	Hostatint Black A-B 100	1.66
2	Hostatint Yellow A-F2G 100	0.96
	Hostatint Blue A-BG 100	2.70
	Hostatint Green A-GNX 130	65.31
	Hostatint White A-R 100	29.35
	Hostatint Black A-N 100	1.68

RAL 6027-GL

LIGHT GREEN

LICHTGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Blue A-BG 100	0.39
	Hostatint Green A-GNX 130	3.46
	Hostatint Oxide Red A-B 100	1.02
	Hostatint White A-R 100	95.13

RAL 6028-GL

PINE GREEN

KIEFERNGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	29.33
	Hostatint Blue A-BG 100	12.00
	Hostatint Oxide Yellow A-R 100	19.33
	Hostatint White A-R 100	33.34
	Hostatint Black A-N 100	6.00
2	Hostatint Yellow A-F2G 100	15.96
	Hostatint Blue A-BG 100	13.93
	Hostatint Oxide Yellow A-R 100	23.78
	Hostatint White A-R 100	39.40
	Hostatint Black A-N 100	6.93

RAL 6029-GL

MINT GREEN

MINZGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	35.40
	Hostatint Green A-GNX 130	40.71
	Hostatint Oxide Yellow A-R 100	4.42
	Hostatint White A-R 100	19.47
2	Hostatint Yellow A-F2G 100	15.84
	Hostatint Green A-GNX 130	47.53
	Hostatint Oxide Yellow A-R 100	9.90
	Hostatint White A-R 100	26.73

RAL 6031-F9

BRONZE GREEN

BRONZEGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	69.49
	Hostatint Green A-GNX 130	0.30
	Hostatint Oxide Yellow A-R 100	21.15
	Hostatint Black A-N 100	9.06
	+ matting agent	

RAL 6032-GL

SIGNAL GREEN

SIGNALGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	22.11
	Hostatint Green A-GNX 130	23.10
	Hostatint Oxide Yellow A-R 100	10.81
	Hostatint White A-R 100	43.24
	Hostatint Black A-N 100	0.74

RAL 6033-GL

MINT TURQUOISE

MINTTÜRKIS

Recipe number	FORMULATION	Parts [%]
1	Hostatint Blue A-BG 100	10.84
	Hostatint Oxide Yellow A-R 100	20.28
	Hostatint White A-R 100	68.11
	Hostatint Black A-N 100	0.77

RAL 6034-GL

PASTEL TURQUOISE

PASTELLTÜRKIS

Recipe number	FORMULATION	Parts [%]
1	Hostatint Blue A-BG 100	2.94
	Hostatint Oxide Yellow A-R 100	4.89
	Hostatint White A-R 100	91.73
	Hostatint Black A-N 100	0.44

RAL 6037-GL

PURE GREEN

REINGRÜN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	28.17
	Hostatint Green A-GNX 130	18.59
	Hostatint Oxide Yellow A-BV 100	50.70
	Hostatint Oxide Yellow A-R 100	1.97
	Hostatint White A-R 100	0.57

RAL 7000 Colors

RAL 7000 FARBTÖNE

RAL 7000-GL	SQUIRREL GREY / FEHGRAU	50
RAL 7001-GL	SILVER GREY / SILBERGRAU	50
RAL 7002-GL	OLIVE GREY / OLIVGRAU	50
RAL 7003-GL	MOSS GREY / MOOSGRAU	50
RAL 7004-GL	SIGNAL GREY / SIGNALGRAU	51
RAL 7005-GL	MOUSE GREY / MAUSGRAU	51
RAL 7006-GL	BEIGE GREY / BEIGEGRAU	51
RAL 7008-GL	KHAKI GREY / KHAKIGRAU	51
RAL 7009-GL	GREEN GREY / GRÜNGRAU	52
RAL 7010-GL	TARPAULIN GREY / ZELTGRAU	52
RAL 7011-GL	IRON GREY / EISENGRAU	52
RAL 7012-GL	BASALT GREY / BASALTGRAU	52
RAL 7013-GL	BROWN GREY / BRAUNGRAU	53
RAL 7015-GL	SLATE GREY / SCHIEFERGRAU	53
RAL 7016-GL	ANTHRACITE GREY / ANTHRAZITGRAU	53
RAL 7021-GL	BLACK GREY / SCHWARZGRAU	53
RAL 7022-GL	UMBRA GREY / UMBRAGRAU	54
RAL 7023-GL	CONCRETE GREY / BETONGRAU	54
RAL 7024-GL	GRAPHITE GREY / GRAPHITGRAU	54
RAL 7026-GL	GRANITE GREY / GRANITGRAU	54
RAL 7030-GL	STONE GREY / STEINGRAU	55
RAL 7031-GL	BLUE GREY / BLAUGRAU	55
RAL 7032-GL	PEBBLE GREY / KIESELGRAU	55
RAL 7033-GL	CEMENT GREY / ZEMENTGRAU	55
RAL 7034-GL	YELLOW GREY / GELBGRAU	56
RAL 7035-GL	LIGHT GREY / LICHTGRAU	56
RAL 7036-GL	PLATINUM GREY / PLATINGRAU	56
RAL 7037-GL	DUSTY GREY / STAUBGRAU	56
RAL 7038-GL	AGATE GREY / ACHATGRAU	57
RAL 7039-GL	QUARTZ GREY / QUARZGRAU	57
RAL 7040-GL	WINDOW GREY / FENSTERGRAU	57
RAL 7042-GL	TRAFFIC GREY A / VERKEHRSGRAU A	57
RAL 7043-GL	TRAFFIC GREY B / VERKEHRSGRAU B	58
RAL 7044-GL	SILK GREY / SEIDENGRAU	58
RAL 7045-GL	TELEGREY 1 / TELEGRAU 1	58
RAL 7046-GL	TELEGREY 2 / TELEGRAU 2	58
RAL 7047-GL	TELEGREY 4 / TELEGRAU 4	59

RAL 7000-GL

SQUIRREL GREY

FEHGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	0.87
	Hostatint Blue A-BG 100	1.16
	Hostatint Oxide Red A-B 100	1.16
	Hostatint White A-R 100	92.89
	Hostatint Black A-N 100	3.92

RAL 7001-GL

SILVER GREY

SILBERGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Blue A-BG 100	0.29
	Hostatint Oxide Yellow A-R 100	0.77
	Hostatint White A-R 100	96.06
	Hostatint Black A-N 100	2.88

RAL 7002-GL

OLIVE GREY

OLIVGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-CR 100	34.76
	Hostatint Oxide Yellow A-R 100	4.88
	Hostatint Oxide Red A-B 100	1.52
	Hostatint White A-R 100	54.88
	Hostatint Black A-N 100	3.96

RAL 7003-GL

MOSS GREY

MOOSGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-CR 100	4.46
	Hostatint Oxide Yellow A-R 100	20.20
	Hostatint Oxide Red A-B 100	0.18
	Hostatint White A-R 100	69.82
	Hostatint Black A-N 100	5.34

RAL 7004-GL

SIGNAL GREY

SIGNALGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-R 100	2.13
	Hostatint Oxide Red A-B 100	0.80
	Hostatint White A-R 100	94.61
	Hostatint Black A-N 100	2.46

RAL 7005-GL

MOUSE GREY

MAUSGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-BV 100	4.03
	Hostatint Oxide Yellow A-R 100	6.92
	Hostatint White A-R 100	80.69
	Hostatint Black A-N 100	8.36

RAL 7006-GL

BEIGE GREY

BEIGEGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-CR 100	5.92
	Hostatint Oxide Yellow A-R 100	23.67
	Hostatint Oxide Red A-B 100	5.62
	Hostatint White A-R 100	59.17
	Hostatint Black A-N 100	5.62

RAL 7008-GL

KHAKI GREY

KHAKIGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-CR 100	32.47
	Hostatint Oxide Yellow A-R 100	39.50
	Hostatint Oxide Red A-B 100	3.25
	Hostatint White A-R 100	20.56
	Hostatint Black A-N 100	4.22

RAL 7009-GL GREEN GREY GRÜNGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Blue A-BG 100	1.42
	Hostatint Oxide Yellow A-R 100	27.27
	Hostatint White A-R 100	60.23
	Hostatint Black A-N 100	11.08

RAL 7010-GL TARPAULIN GREY ZELTGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-R 100	29.45
	Hostatint White A-R 100	58.28
	Hostatint Black A-N 100	12.27

RAL 7011-GL IRON GREY EISENGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Blue A-BG 100	1.05
	Hostatint Oxide Yellow A-R 100	9.22
	Hostatint White A-R 100	75.47
	Hostatint Black A-N 100	14.26

RAL 7012-GL BASALT GREY BASALTGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Blue A-BG 100	0.68
	Hostatint Oxide Yellow A-R 100	6.85
	Hostatint White A-R 100	79.46
	Hostatint Black A-N 100	13.01

RAL 7013-GL BROWN GREY BRAUNGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	5.68
	Hostatint Oxide Yellow A-CR 100	71.03
	Hostatint White A-R 100	11.36
	Hostatint Black A-N 100	11.93

RAL 7015-GL SLATE GREY SCHIEFERGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	2.90
	Hostatint Oxide Yellow A-R 100	10.14
	Hostatint White A-R 100	69.57
	Hostatint Black A-N 100	17.39

RAL 7016-GL ANTHRACITE GREY ANTHRAZITGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Blue A-BG 100	4.00
	Hostatint Oxide Yellow A-R 100	8.00
	Hostatint White A-R 100	60.00
	Hostatint Black A-N 100	28.00

RAL 7021-GL BLACK GREY SCHWARZGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-R 100	27.66
	Hostatint White A-R 100	34.04
	Hostatint Black A-N 100	38.30

RAL 7022-GL

UMBRA GREY

UMBRAGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-R 100	40.00
	Hostatint Oxide Red A-B 100	4.67
	Hostatint White A-R 100	36.67
	Hostatint Black A-N 100	18.66
2	Hostatint Oxide Yellow A-CR 100	43.24
	Hostatint Oxide Red A-B 100	5.41
	Hostatint White A-R 100	30.40
	Hostatint Black A-N 100	20.95

RAL 7023-GL

CONCRETE GREY

BETONGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Green A-GNX 130	2.09
	Hostatint Oxide Yellow A-CR 100	13.31
	Hostatint Oxide Red A-B 100	4.75
	Hostatint White A-R 100	76.05
	Hostatint Black A-N 100	3.80
2	Hostatint Green A-GNX 130	1.75
	Hostatint Oxide Yellow A-R 100	12.83
	Hostatint Oxide Red A-B 100	3.50
	Hostatint White A-R 100	78.71
	Hostatint Black A-N 100	3.21

RAL 7024-GL

GRAPHITE GREY

GRAPHITGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	8.29
	Hostatint Blue A-BG 100	2.60
	Hostatint Oxide Yellow A-R 100	18.13
	Hostatint White A-R 100	54.40
	Hostatint Black A-N 100	16.58

RAL 7026-GL

GRANITE GREY

GRANITGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Green A-GNX 130	8.86
	Hostatint Oxide Yellow A-R 100	12.66
	Hostatint White A-R 100	54.01
	Hostatint Black A-N 100	24.47

RAL 7030-GL

STONE GREY

STEINGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-R 100	11.45
	Hostatint Oxide Red A-B 100	0.53
	Hostatint Oxide White A-R 100	85.08
	Hostatint Black A-N 100	2.94

RAL 7031-GL

BLUE GREY

BLAUGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Violet A-RL 100	1.91
	Hostatint Blue A-BG 100	2.12
	Hostatint Oxide Yellow A-R 100	11.89
	Hostatint White A-R 100	76.44
	Hostatint Black A-N 100	7.64

RAL 7032-GL

PEBBLE GREY

KIESELGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-R 100	5.33
	Hostatint White A-R 100	93.56
	Hostatint Black A-N 100	1.11

RAL 7033-GL

CEMENT GREY

ZEMENTGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	12.78
	Hostatint Green A-GNX 130	0.89
	Hostatint Oxide Red A-B 100	2.11
	Hostatint White A-R 100	80.05
	Hostatint Black A-N 100	4.17

RAL 7034-GL YELLOW GREY GELBGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-R 100	24.71
	Hostatint Oxide Red A-B 100	0.16
	Hostatint White A-R 100	72.50
	Hostatint Black A-N 100	2.63

RAL 7035-GL LIGHT GREY LICHTGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-CR 100	1.33
	Hostatint White A-R 100	98.14
	Hostatint Black A-N 100	0.53

RAL 7036-GL PLATINUM GREY PLATINGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	1.47
	Hostatint Oxide Yellow A-CR 100	11.04
	Hostatint White A-R 100	84.89
	Hostatint Black A-N 100	2.60

RAL 7037-GL DUSTY GREY STAUBGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-R 100	7.51
	Hostatint Oxide Red A-B 100	0.80
	Hostatint White A-R 100	85.79
	Hostatint Black A-N 100	5.90

RAL 7038-GL AGATE GREY ACHATGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-CR 100	4.76
	Hostatint White A-R 100	93.91
	Hostatint Black A-N 100	1.33

RAL 7039-GL QUARTZ GREY QUARZGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	0.97
	Hostatint Oxide Yellow A-R 100	25.77
	Hostatint Oxide Red A-B 100	1.10
	Hostatint White A-R 100	64.43
	Hostatint Black A-N 100	7.73

RAL 7040-GL WINDOW GREY FENSTERGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	11.76
	Hostatint Blue A-BG 100	4.90
	Hostatint Oxide Yellow A-CR 100	40.20
	Hostatint White A-R 100	28.43
	Hostatint Black A-N 100	14.71

RAL 7042-GL TRAFFIC GREY A VERKEHRSGRAU A

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-CR 100	5.23
	Hostatint White A-R 100	91.50
	Hostatint Black A-N 100	3.27

RAL 7043-GL

TRAFFIC GREY B

VERKEHRSGRAU B

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-R 100	23.65
	Hostatint White A-R 100	59.11
	Hostatint Black A-N 100	17.24

RAL 7044-GL

SILK GREY

SEIDENGRAU

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-R 100	3.57
	Hostatint Oxide Red A-B 100	0.24
	Hostatint White A-R 100	95.30
	Hostatint Black A-N 100	0.89

RAL 7045-GL

TELEGREY 1

TELEGRAU 1

Recipe number	FORMULATION	Parts [%]
1	Hostatint Blue A-BG 100	0.96
	Hostatint Oxide Yellow A-R 100	1.61
	Hostatint Oxide Red A-B 100	2.57
	Hostatint White A-R 100	93.13
	Hostatint Black A-N 100	1.73

RAL 7046-GL

TELEGREY 2

TELEGRAU 2

Recipe number	FORMULATION	Parts [%]
1	Hostatint Blue A-BG 100	1.43
	Hostatint Oxide Yellow A-R 100	1.14
	Hostatint Oxide Red A-B 100	3.28
	Hostatint White A-R 100	91.30
	Hostatint Black A-N 100	2.85

RAL 7047-GL

TELEGREY 4

TELEGRAU 4

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	0.17
	Hostatint Pink A-E 130	0.25
	Hostatint White A-R 100	98.30
	Hostatint Black A-N 100	1.28

RAL 8000 Colors

RAL 8000 FARBTÖNE

RAL 8000-GL	GREEN BROWN / GRÜNBRAUN	62
RAL 8001-GL	OCHRE BROWN / OCKERBRAUN	62
RAL 8002-GL	SIGNAL BROWN / SIGNALBRAUN	62
RAL 8003-GL	CLAY BROWN / LEHMBRAUN	62
RAL 8004-GL	COPPER BROWN / KUPFERBRAUN	63
RAL 8007-GL	FAWN BROWN / REHBRAUN	63
RAL 8008-GL	OLIVE BROWN / OLIVBRAUN	63
RAL 8011-GL	NUT BROWN / NUSSBRAUN	63
RAL 8012-GL	RED BROWN / ROTBRAUN	64
RAL 8014-GL	SEPIA BROWN / SEPIABRAUN	64
RAL 8015-GL	CHESNUT BROWN / KASTANIENBRAUN	64
RAL 8016-GL	MAHOGANY BROWN / MAHAGONIBRAUN	64
RAL 8017-GL	CHOCOLATE BROWN / SCHOKOLADENBRAUN	65
RAL 8019-GL	GREY BROWN / GRAUBRAUN	65
RAL 8022-GL	BLACK BROWN / SCHWARZBRAUN	65
RAL 8023-GL	ORANGE BROWN / ORANGEBRAUN	65
RAL 8024-GL	BEIGE BROWN / BEIGEBRAUN	66
RAL 8025-GL	PALE BROWN / BLASSBRAUN	66
RAL 8027-F9	LEATHER BROWN/ LEDERBRAUN	66
RAL 8028-GL	TERRA BROWN / TERRABRAUN	66

RAL 8000-GL GREEN BROWN GRÜNBRAUN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-R 100	76.78
	Hostatint Oxide Red A-B 100	2.16
	Hostatint White A-R 100	19.19
	Hostatint Black A-N 100	1.87
2	Hostatint Green A-GNX 130	0.80
	Hostatint Oxide Yellow A-CR 100	3.98
	Hostatint Oxide Yellow A-R 100	71.12
	Hostatint Oxide Red A-B 100	4.25
	Hostatint White A-R 100	18.58
	Hostatint Black A-N 100	1.27

RAL 8001-GL OCHRE BROWN OCKERBRAUN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-R 100	90.26
	Hostatint Oxide Red A-B 100	5.23
	Hostatint White A-R 100	4.25
	Hostatint Black A-N 100	0.26

RAL 8002-GL SIGNAL BROWN SIGNALBRAUN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-F2G 100	8.55
	Hostatint Orange A-HLD 100	36.43
	Hostatint Oxide Red A-B 100	10.41
	Hostatint White A-R 100	40.15
	Hostatint Black A-N 100	4.46
2	Hostatint Oxide Yellow A-R 100	49.88
	Hostatint Oxide Red A-B 100	25.42
	Hostatint White A-R 100	20.83
	Hostatint Black A-N 100	3.87

RAL 8003-GL CLAY BROWN LEHMBRAUN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	34.73
	Hostatint Oxide Yellow A-CR 100	33.15
	Hostatint Oxide Yellow A-R 100	29.20
	Hostatint Black A-N 100	2.92

RAL 8004-GL COPPER BROWN KUPFERBRAUN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	13.12
	Hostatint Oxide Yellow A-R 100	45.67
	Hostatint Oxide Red A-B 100	22.05
	Hostatint White A-R 100	18.37
	Hostatint Black A-N 100	0.79

RAL 8007-GL FAWN BROWN REHBRAUN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	44.61
	Hostatint Oxide Yellow A-CR 100	10.03
	Hostatint Oxide Yellow A-R 100	37.09
	Hostatint White A-R 100	3.51
	Hostatint Black A-N 100	4.76

RAL 8008-GL OLIVE BROWN OLIVBRAUN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-HRD 100	27.46
	Hostatint Oxide Yellow A-R 100	46.48
	Hostatint Oxide Red A-B 100	11.27
	Hostatint White A-R 100	11.27
	Hostatint Black A-N 100	3.52

RAL 8011-GL NUT BROWN NUSSBRAUN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	24.77
	Hostatint Oxide Yellow A-R 100	38.07
	Hostatint Oxide Red A-B 100	10.84
	Hostatint Black A-B 100	26.32

RAL 8012-GL

RED BROWN

ROTBRAUN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	18.23
	Hostatint Oxide Yellow A-R 100	26.81
	Hostatint Oxide Red A-B 100	43.43
	Hostatint White A-R 100	6.97
	Hostatint Black A-N 100	4.56

RAL 8014-GL

SEPIA BROWN

SEPIABRAUN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	24.44
	Hostatint Oxide Yellow A-CR 100	45.83
	Hostatint Oxide Red A-B 100	12.42
	Hostatint Black A-N 100	17.31

RAL 8015-GL

CHESNUT BROWN

KASTANIENBRAUN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Pink A-E 130	21.01
	Hostatint Oxide Yellow A-R 100	26.48
	Hostatint Oxide Red A-B 100	42.01
	Hostatint White A-R 100	4.11
	Hostatint Black A-N 100	6.39

RAL 8016-GL

MAHOGANY BROWN

MAHAGONIBRAUN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	61.69
	Hostatint Red Violet A-ER 130	4.98
	Hostatint Oxide Red A-B 100	9.95
	Hostatint White A-R 100	12.94
	Hostatint Black A-N 100	10.44

RAL 8017-GL

CHOCOLATE BROWN

SCHOKLADENBRAUN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	5.71
	Hostatint Oxide Yellow A-R 100	36.19
	Hostatint Oxide Red A-B 100	38.10
	Hostatint Black A-N 100	20.00

RAL 8019-GL

GREY BROWN

GRAUBRAUN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Violet A-RL 100	18.93
	Hostatint Oxide Yellow A-R 100	55.71
	Hostatint Oxide Red A-B 100	5.36
	Hostatint White A-R 100	10.00
	Hostatint Black A-N 100	10.00

RAL 8022-GL

BLACK BROWN

SCHWARZBRAUN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	1.24
	Hostatint Red A-D3GD 130	37.03
	Hostatint Black A-N 100	61.73

RAL 8023-GL

ORANGE BROWN

ORANGEBRAUN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	25.92
	Hostatint Blue A-BG 100	0.16
	Hostatint Oxide Yellow A-R 100	58.06
	Hostatint White A-R 100	15.55
	Hostatint Black A-N 100	0.31

RAL 8024-GL

BEIGE BROWN

BEIGEBRAUN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	23.74
	Hostatint Oxide Yellow A-R 100	34.85
	Hostatint Oxide Red A-B 100	3.54
	Hostatint White A-R 100	34.33
	Hostatint Black A-N 100	3.54

RAL 8025-GL

PALE BROWN

BLASSBRAUN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	16.03
	Hostatint Oxide Yellow A-CR 100	41.67
	Hostatint Oxide Red A-B 100	7.05
	Hostatint White A-R 100	28.84
	Hostatint Black A-N 100	6.41

RAL 8027-F9

LEATHER BROWN

LEDERBRAUN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-CR 100	7.50
	Hostatint Oxide Yellow A-R 100	43.00
	Hostatint Oxide Red A-B 100	29.50
	Hostatint Black A-N 100	20.00
	+ matting agent	

RAL 8028-GL

TERRA BROWN

TERRABRAUN

Recipe number	FORMULATION	Parts [%]
1	Hostatint Orange A-HLD 100	6.49
	Hostatint Oxide Yellow A-R 100	58.92
	Hostatint Oxide Red A-B 100	18.92
	Hostatint White A-R 100	4.86
	Hostatint Black A-N 100	10.81

RAL 9000 Colors

RAL 9000 FARBTÖNE

RAL 9001-GL	CREAM / CREMEWEISS	68
RAL 9002-GL	GREY WHITE / GRAUWEISS	68
RAL 9003-GL	SIGNAL WHITE / SIGNALWEISS	68
RAL 9004-GL	SIGNAL BLACK / SIGNALSCHWARZ	68
RAL 9005-GL	JET BLACK / TIEFSCHWARZ	69
RAL 9010-GL	PURE WHITE / REINWEISS	69
RAL 9011-GL	GRAPHITE BLACK / GRAPHITSCHWARZ	69
RAL 9016-GL	TRAFFIC WHITE / VERKEHRSWEISS	69
RAL 9018-GL	PAPYRUS WHITE / PAPYRUSWEISS	70
RAL 9021-F9	TAR BLACK / TEERSCHWARZ	70

RAL 9001-GL

CREAM

CREMEWEISS

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-CR 100	1.11
	Hostatint Oxide Red A-B 100	0.08
	Hostatint White A-R 100	98.78
	Hostatint Black A-N 100	0.03

RAL 9002-GL

GREY WHITE

GRAUWEISS

Recipe number	FORMULATION	Parts [%]
1	Hostatint Yellow A-H3G 100	0.15
	Hostatint Oxide Yellow A-R 100	0.55
	Hostatint White A-R 100	99.10
	Hostatint Black A-N 100	0.20

RAL 9003-GL

SIGNAL WHITE

SIGNALWEISS

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-R 100	0.03
	Hostatint White A-R 100	99.94
	Hostatint Black A-N 100	0.03

RAL 9004-GL

SIGNAL BLACK

SIGNALSCHWARZ

Recipe number	FORMULATION	Parts [%]
1	Hostatint Blue A-BG 100	22.29
	Hostatint Oxide Yellow A-R 100	15.92
	Hostatint Oxide Red A-B 100	19.76
	Hostatint White A-R 100	7.64
	Hostatint Black A-N 100	34.39

RAL 9005-GL JET BLACK TIEFSCHWARZ

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-R 100 Hostatint Black A-N 100	16.25 83.75

RAL 9010-GL PURE WHITE REINWEISS

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-R 100 Hostatint White A-R 100 Hostatint Black A-N 100	0.33 99.64 0.03

RAL 9011-GL GRAPHITE BLACK GRAPHITSCHWARZ

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-R 100 Hostatint Oxide Red A-B 100 Hostatint White A-R 100 Hostatint Black A-N 100	22.06 5.88 13.24 58.82

RAL 9016-GL TRAFFIC WHITE VERKEHRSWEISS

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Yellow A-R 100 Hostatint White A-R 100 Hostatint Black A-N 100	0.10 99.88 0.02

RAL 9018-GL PAPYRUS WHITE PAPYRUSWEISS

Recipe number	FORMULATION	Parts [%]
1	Hostatint Blue A-BG 100	0.03
	Hostatint Oxide Yellow A-BV 100	0.74
	Hostatint White A-R 100	98.86
	Hostatint Black A-N 100	0.37

RAL 9021-F9 TAR BLACK TEERSCHWARZ

Recipe number	FORMULATION	Parts [%]
1	Hostatint Oxide Red A-B 100	8.35
	Hostatint Black A-N 100	91.65
	+ matting agent	

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