

01) SHOP PRIMER

Reference No.	Product Name	Pack size (Lt)	Mixing ratio (by Volume)	Colour	Volume solids	Film Thickness		Spreading rate (m ² /Lt)	Drying time 20C		Overcoating interval (20')		Thinner	Remarks
						Wet	Dry		Surface dry	Dry hard	Min	Max		
01-01	NIPPON CERAMO	20L	Binder 1.74 Paste 1	Gray IT Light gray IT Brown IT Green IT	32.5 ±2%	-	13	25.00	2 min	5 min	7 D	-	NIPPON MARINE THINNER 900	Super heat-resistant long exposure shop primer
01-02	NIPPON CXERAMO for T/U	16L	Base 2.33 Hardener 1	Green Blue Gray	47 ±2%	32	15	31.33	2 min	5 min	16 H	-	NIPPON MARINE THINNER 600	Anticorrosive primer for touch-up use

02) OLOERESIONOUS PRIMER AND FINISH

Reference No.	Product Name	Pack size (Lt)	Mixing ratio (by Volume)	Colour	Volume solids	Film Thickness		Spreading rate (m ² /Lt)	Drying time 20C		Overcoating interval (20')		Thinner	Remarks
						Wet	Dry		Surface dry	Dry hard	Min	Max		
02-01	NIPPON O-MARINE PRIMER	18L	-	Red Oxide White	48 ±2%	146	70	6.86	30 min	7 H	16 H	-	NIPPON MARINE THINNER 100	Alkyd (High build)
02-03	UNIPRIME 10	18L	-	Gray Red Oxide	46 ±2%	163	75	6.75	30 min	7 H	50 min	-	NIPPON MARINE THINNER 100	Alkyd
02-04	NIPPON O-MARINE FINISH	18L	-	White, Black 445 Red Oxide Other colors	45 ±2%	78	35	12.86	30 min	7 H	15 H	-	NIPPON MARINE THINNER 100	Alkyd
02-06	NIPPON O-MARINE FINISH 300 S	18L	-	Silver	44 ±2%	57	25	17.60	1 H	8 H	16 H	-	NIPPON MARINE THINNER 100	Alkyd
02-07	BISMATIC SOLUTION	18L	-	Black	45 ±2%	55	25	18.18	40 min	3 H	3 H	5 D	NIPPON MARINE THINNER 100	Bituminous

03) CHLORINATED RUBBER ANTICORROSIVE, PRIMER AND FINISH

Reference No.	Product Name	Pack size (Lt)	Mixing ratio (by Volume)	Colour	Volume solids	Film Thickness		Spreading rate (m ² /Lt)	Drying time 20C		Overcoating interval (20')		Thinner	Remarks
						Wet	Dry		Surface dry	Dry hard	Min	Max		
03-01	NIPPON R-MARINE A/C	18L	-	Silver Light Brown	49 ±2%	163	80	6.13	30 min	2 H	4 H	-	NIPPON MARINE THINNER 200	Chlorinated rubber (High build / contains aluminum)
03-02	NIPPON R-MARINE PRIMER	18L	-	Brown Light Brown White	43 ±2%	186	80	5.38	30 min	2 H	4 H	-	NIPPON MARINE THINNER 200	Chlorinated rubber (High build / Non aluminum)
03-03	NIPPON R-MARINE FINISH	18L	-	White, Black 445 Red Oxide Other colors	49 ±2%	72	35	14.00	20 min	1 H	3 H	-	NIPPON MARINE THINNER 200	Chlorinated rubber

04) ACRYLIC FINISH

Reference No.	Product Name	Pack size (Lt)	Mixing ratio (by Volume)	Colour	Volume solids	Film Thickness		Spreading rate (m ² /Lt)	Drying time 20C		Overcoating interval (20')		Thinner	Remarks
						Wet	Dry		Surface dry	Dry hard	Min	Max		
04-01	NIPPON A-MARINE FINISH	18L	-	White, Black 445 Red Oxide Other colors	44 ±2%	114	50	8.80	20 min	1 H	3 H	-	NIPPON MARINE THINNER 200	Acrylic

05) VINYL ANTICORROSIVE

Reference No.	Product Name	Pack size (Lt)	Mixing ratio (by Volume)	Colour	Volume solids	Film Thickness		Spreading rate (m ² /Lt)	Drying time 20C		Overcoating interval (20')		Thinner	Remarks
						Wet	Dry		Surface dry	Dry hard	Min	Max		
05-01	NIPPON V-MARINE A/C TF	18L	-	Silver	47 ±2%	160	75	6.27	30 min	3 H	3 H	-	NIPPON MARINE THINNER 400	Vinyl chloride

07) TWO-PACK EPOXY

Reference No.	Product Name	Pack size (Lt)	Mixing ratio (by Volume)	Colour	Volume solids	Film Thickness		Spreading rate (m ² /Lt)	Drying time 20C		Overcoating interval (20')		Thinner	Remarks
						Wet	Dry		Surface dry	Dry hard	Min	Max		
07-01	NIPPON E-MARINE 300	18L	Base 5 Hardener 1	Gray Red Oxide 225 Green	63 ±2%	318	200	3.15	1 H	15 H	16 H	-	NIPPON MARINE THINNER 600	Modified epoxy (High build / two pack)
07-02	NIPPON E-MARINE 400	17L	Base 3.35 Hardener 1	White Gray Red Oxide	62 ±2%	322	200	3.10	1.5 H	8 H	10 H	-	NIPPON MARINE THINNER 600	Epoxy (High build / two pack)
07-03	NIPPON E-MARINE 400 HS	16L	Base 3.7 Hardener 1	White Gray Red Oxide	72 ±2%	278	200	3.60	1 H	7 H	7 H	-	NIPPON MARINE THINNER 600	Epoxy (High build / two pack)

08) TWO-PACK PURE EPOXY PRIMER AND FINISH

Reference No.	Product Name	Pack size (Lt)	Mixing ratio (by Volume)	Colour	Volume solids	Film Thickness		Spreading rate (m ² /Lt)	Drying time 20C		Overcoating interval (20')		Thinner	Remarks
						Wet	Dry		Surface dry	Dry hard	Min	Max		
08-01	UNIPROTECTOR	16 L	Base 2.56 Hardener 1	Bronze Aluminum	62 ±2%	242	150	4.13	3 H	6 H	7 H	7 D	NIPPON MARINE THINNER 600	Pure epoxy (two pack) Aluminum, abrasion resistant
08-02	NIPPON E-MARINE PRIMER	17 L	Base 3.25 Hardener 1	Red Gray	60 ±2%	167	100	6.00	1 H	7 H	10H	-	NIPPON MARINE THINNER 600	Pure epoxy (two pack)
08-03	NIPPON E-MARINE PRIMER GF	18L	Base 3 Hardener 1	Gray	94 ±2%	637	600	1.57	4 H	16 H	16 H	3 D	NIPPON MARINE THINNER 600	Pure epoxy (Super high build / Glass flake / low pack)
08-04	NIPPON E-MARINE FINISH	18L	Base 3 Hardener 1	White Black Other colors	63 ±2%	63	40	15.75	1 H	15 H	16 H	4 M	NIPPON MARINE THINNER 600	Pure epoxy (two pack)
08-05	NIPPON E-MARINE FINISH M	18L	Base 4 Hardener 1	White Black Other colors	62 ±2%	97	60	10.33	1.5 H	16 H	16 H	-	NIPPON MARINE THINNER 600	Pure epoxy (two pack)
08-06	UNIPRIME 100	16 L	Base 3.85 Hardener 1	Gray Red Oxide	63 ±2%	199	125	5.04	1 H	10 H	10 H	-	NIPPON MARINE THINNER 600	Epoxy (two pack)
08-07	UNIPRIME 100 LT	16L	Base 4.16 Hardener 1	Gray Red Oxide	63 ±2%	199	125	5.26	2 H (10°C)	16 H (10°C)	16 H (10°C)	- (10°C)	NIPPON MARINE THINNER 600	Epoxy (two pack / Winter version)

09) POLYURETHANE

Reference No.	Product Name	Pack size (Lt)	Mixing ratio (by Volume)	Colour	Volume solids	Film Thickness		Spreading rate (m ² /Lt)	Drying time 20C		Overcoating interval (20')		Thinner	Remarks
						Wet	Dry		Surface dry	Dry hard	Min	Max		
09-01	NIPPON U-MARINE FINISH	15L	Base 5 Hardener 1	White Black Other colors	60 ±2%	50	35	20.00	30 min	8 H	16 H	-	NIPPON MARINE THINNER 700	Polyurethane (High uild / Two-pack)

10) WATER-BORNE SELF-PRIMING FINISH

Reference No.	Product Name	Pack size (Lt)	Mixing ratio (by Volume)	Colour	Volume solids	Film Thickness		Spreading rate (m ² /Lt)	Drying time 20C		Overcoating interval (20°)		Thinner	Remarks
						Wet	Dry		Surface dry	Dry hard	Min	Max		
10-01	ODEMARINE PF	16L	-	White Light color	52 ±2%	154	80	6.50	15 min	6 H	6 H	-	-	Water-borne epoxy (One-pack)

11) INORGANIC ZINC AND EPOXY ZINC

Reference No.	Product Name	Pack size (Lt)	Mixing ratio (by Volume)	Colour	Volume solids	Film Thickness		Spreading rate (m ² /Lt)	Drying time 20C		Overcoating interval (20°)		Thinner	Remarks
						Wet	Dry		Surface dry	Dry hard	Min	Max		
11-01	NIPPON Z-MARINE 1000 QCS	25kg	Base 29 Hardener 71 (by weight)	Gray	60 ±2%	125	75	8.00	30 min	1.5 H	2 D	-	NIPPON MARINE THINNER 900	Zinc dust / Ethyl silicate (High build / Two-pack)
11-02	NIPPON Z-MARINE 8000 MHB	15L	Base 2.75 Hardener 1	Gray	55 ±2%	137	75	7.33	30 min	16 H	16 H	-	NIPPON MARINE THINNER 600	Zinc dust / Epoxy (High build / Two-pack)

12) ANTIFOULING

Reference No.	Product Name	Pack size (Lt)	Mixing ratio (by Volume)	Colour	Volume solids	Film Thickness		Spreading rate (m ² /Lt)	Drying time 20C		Overcoating interval (20°)		Thinner	Remarks
						Wet	Dry		Surface dry	Dry hard	Min	Max		
12-01	ECOLOFLEX SPC 100	20L	-	Red Brown Dark Brown	44 ±2%	227	100	4.40	40 min	1 H	4H	-	NIPPON MARINE THINNER 300	Cuprous oxide / Special acrylate copolymer (Tin-free / Self-polishing / Hydrolysis)
12-02	ECOLOFLEX SPC 200	20L	-	Red Brown Dark Brown Blue	44 ±2%	227	100	4.40	40 min	1 H	4H	-	NIPPON MARINE THINNER 300	Cuprous oxide / Special acrylate copolymer (Tin-free / Self-polishing / Hydrolysis)
12-03	ECOLOFLEX SPC 200 LPS	20L	-	Brown H Red Brown H	54 ±2%	185	100	5.40	40 min	1 H	4H	-	NIPPON MARINE THINNER 300	Cuprous oxide / Special acrylate copolymer (Tin-free / Self-polishing / Hydrolysis / High Solid)
12-04	ECOLOFLEX SPC 150 HyB	20L	-	Brown Light Brown	53 ±2%	189	100	5.30	40 min	1 H	4H	-	NIPPON MARINE THINNER 300	Cuprous oxide / Special acrylate copolymer (Tin-free / Self-smoothing / Hydrolysis / High Solid)
12-05	ECOLOFLEX SPC 250 HyB	20L	-	Cherry V Plum V	52 ±2%	192	100	5.20	40 min	1 H	4H	-	NIPPON MARINE THINNER 300	Cuprous oxide / Special acrylate copolymer (Tin-free / Self-smoothing / Hydrolysis / High Solid)
12-07	ECOLOFLEX SPC 2000	20L	-	Brown Light Brown Brown A Light Brown A	52 ±2%	192	100	5.20	40 min	1 H	4H	-	NIPPON MARINE THINNER 300	Zincacrylate copolymer (Tin-free / Copper-free / Self-polishing / Hydrolysis / High Solid)
12-08	ECOLOFLEX SPC 3000	20L	-	Brown Light Brown Brown A Light Brown A	52 ±2%	192	100	5.20	40 min	1 H	4H	-	NIPPON MARINE THINNER 300	Zincacrylate copolymer (Tin-free / Copper-free / Self-polishing / Hydrolysis / High Solid)
12-09	BIOFLEX 1000	20L	-	Red Brown Dark Brown	58 ±2%	173	100	5.80	40 min	1 H	4H	-	NIPPON MARINE THINNER 200	Cuprous oxide / Special acrylate copolymer (Tin-free / Self-polishing)
12-10	BIOFLEX 800	20L	-	Red Brown Plum Brown	61 ±2%	164	100	6.10	2 H	4 H	6 H	-	NIPPON MARINE THINNER 200	Cuprous oxide / Special synthetic polymer (Tin-free / CDP)
12-11	ECOSILK	10L	Base 15 Curing agent 4 Additive 1	Gray	72 ±2%	208	150	4.80	4.5 H	6.5 H	7 H	-	NIPPON MARINE THINNER 600	Silicone elastomer
12-12	ECOSILK TIE-COAT	10L	Base 4 Curing agent 5 Additive 1	Light Gray	57 ±2%	175	100	5.70	2.5 H	6 H	7.5 H	7D	NIPPON MARINE THINNER 200	Silicone elastomer
12-14	NIPPON R-MARINE A/F	20L	-	Red Oxide	54 ±2%	74	40	13.50	30 min	2 H	3 H	-	NIPPON MARINE THINNER 200	Cuprous oxide / Chlorinated rubber resin (Tin-free / conventional)

13) HEAT-RESISTANT PRIMER AND FINISH

Reference No.	Product Name	Pack size (Lt)	Mixing ratio (by weight)	Colour	Volume solids	Film Thickness		Spreading rate (m ² /Lt)	Drying time 20C		Overcoating interval (20°)		Thinner	Remarks
						Wet	Dry		Surface dry	Dry hard	Min	Max		
13-02	TETZSOL 200 SILVER M	18kg	-	Silver	40 ±2%	63	25	16.00	1 H	4 H	16 H	-	NIPPON MARINE THINNER 100	Alkyd (up to 150°C)
13-06	TETZSOL P-500	18kg	-	Gray Red Oxide	46 ±2%	54	25	18.40	15 min	30 min	8 H	1 M	NIPPON MARINE THINNER 500	Alkyd (up to 500°C)
13-07	TETZSOL 500	18kg	-	Silver	13 ±2%	77	10	13.00	20 min	40 min	3 H	7 D	NIPPON MARINE THINNER 500	Alkyd (up to 500°C)
13-08	TETZSOL M PRIMER	20L	Binder 1.74 Paste 1	Gray Dark Gray	31 ±2%	113	35	8.86	3 min	30 min	30 min	-	NIPPON MARINE THINNER 900	Zinc dust / Heat resistant anticorrosive pigment / heat resistant silicate (Two-pack)

14) NOA

Reference No.	Product Name	Pack size (Lt)	Mixing ratio (by weight)	Colour	Volume solids	Film Thickness		Spreading rate (m ² /Lt)	Drying time 20C		percoating interval (20°)		Thinner	Remarks
						Wet	Dry		Surface dry	Dry hard	Min	Max		
14-01	NOA10F	16L	Base 3.85 Hardener 1	Buff	63 ±2%	278	175	3.6	1 H	16 H	16 H	-	NIPPON MARINE THINNER 600	Epoxy (Two-pack / Abrasion resistant)
14-02	NOA10F LT	16L	Base 4.16 Hardener 1	Buff	63 ±2%	278	175	3.6	2 H (10°C)	16 H (10°C)	16 H (10°C)	- (10°C)	NIPPON MARINE THINNER 600	Epoxy (Two-pack / Abrasion resistant Winter version)
14-03	NOA10M	16L	Base 3.57 Hardener 1	Buff	63 ±2%	278	175	3.6	2 H	14 H	3 H	-	NIPPON MARINE THINNER 600	Epoxy (Two-pack / High build)
14-04	NOA10M LT	16L	Base 4.16 Hardener 1	Buff	63 ±2%	278	175	3.6	2 H (10°C)	12 H (10°C)	4 H (10°C)	- (10°C)	NIPPON MARINE THINNER 600	Epoxy (Two-pack / High build / Winter version)
14-05	NOAA/C II	16L	Base 4.16 Hardener 1	Gray	63 ±2%	119	75	8.4	1 H	16 H	16 H	-	NIPPON MARINE THINNER 600	Epoxy (Two-pack / High build)
14-06	NOAA/C II LT	16L	Base 4 Hardener 1	Gray	65 ±2%	115	75	8.67	2 H (10°C)	12 H (10°C)	12 H (10°C)	- (10°C)	NIPPON MARINE THINNER 600	Epoxy (Two-pack / High build / Winter version)
14-07	NOA GF	16L	Base 3.57 Hardener 1	Buff	70 ±2%	357	250	2.8	6 H	18 H	18 H	7 D	NIPPON MARINE THINNER 600	Epoxy (Glass flake / Two-pack / High build)
14-09	NOA 60 HS	16L	Base 5.67 Hardener 1	Buff	79 ±2%	316	250	3.16	4 H	16 H	16 H	7 D	NIPPON MARINE THINNER 600	Pure Epoxy (Two-pack / High build)
14-10	NOA 60 HS-LT	16L	Base 3.57 Hardener 1	Buff	77 ±2%	325	250	3.08	1.5 H (10°C)	10 H (10°C)	10 H (10°C)	7 D (10°C)	NIPPON MARINE THINNER 600	Pure Epoxy (Two-pack / High build / Winter version)
14-11	NOA FWT	16L	Base 3.71 Hardener 1	Buff Blue White Cream	69 ±2%	181	125	5.52	1.5 H	16 H	16 H	7 D	NIPPON MARINE THINNER 670	Pure Epoxy (Two-pack)
14-12	NOA FWT SF	16L	Base 4.33 Hardener 1	Buff	98 ~ 100 %	300	300	3.33	18 H	36 H	36 H	7 D	-	Pure epoxy (Solvent free / Two-pack)
14-13	NOA PC	16L	Base 3.57 Hardener 1	Buff Gray Cream	65 ±2%	192	125	5.2	1.5 H	16 H	16 H	7 D	NIPPON MARINE THINNER 670	Pure Epoxy (Two-pack)

15) LF-Sea

Reference No.	Product Name	Pack size (Lt)	Mixing ratio (by weight)	Colour	Volume solids	Film Thickness		Spreading rate (m ² /Lt)	Drying time 20C		percoating interval (20°)		Thinner	Remarks
						Wet	Dry		Surface dry	Dry hard	Min	Max		
15-01	LF-Sea 150 HyB	20L	-	Brown Light Brown	53 ±2%	189	100	5.2	40 min	1 H	4H	-	NIPPON MARINE THINNER 300	Cuprous oxide / special acrylate copolymer (Tin-free / Self-smoothing / Hydrolysis / Less fuel consumption / Less CO ₂)
15-02	LF-Sea 250 HyB	20L	-	Cherry Plum	52 ±2%	192	100	5.2	40 min	1 H	4H	-	NIPPON MARINE THINNER 300	Cuprous oxide / special acrylate copolymer (Tin-free / Self-smoothing / Hydrolysis / Less fuel consumption / Less CO ₂)

16) OTHER FUNCTIONAL PAINT

Reference No.	Product Name	Pack size (Lt)	Mixing ratio (by weight)	Colour	Volume solids	Film Thickness		Spreading rate (m ² /Lt)	Drying time 20C		percoating interval (20°)		Thinner	Remarks	
						Wet	Dry		Surface dry	Dry hard	Min	Max			
16-02	NEOGUARD 10	18L	-	White Red Oxide Gray Green	48 ±2%	208	100	4.8	1 H	8 H	8 H	-	NIPPON MARINE THINNER 200	Modified Acrylic (Surface tolerant / One-pack)	
16-03	NEOGUARD 100	18L	Base 3.2 Hardener 1	White, Black Red Oxide Gray Green	61 ±2%	164	100	6.1	1 H	12 H	12 H	-	NIPPON MARINE THINNER 600	Abrasion resistant epoxy (High build / Surface tolerant / Two-pack)	
16-04	NEOGUARD 100 GF	16L	Base 3.57 Hardener 1	Red Oxide Gray	70 ±2%	357	250	2.8	6 H	18 H	18 H	7 D	NIPPON MARINE THINNER 600	Abrasion resistant epoxy (High build / Glass flake / Two-pack)	
16-05	NEOGUARD BULCON	5kg	Base 1.5 Hardener 1 (by weight)	Light Cream	90 ±2%	1100	1000	0.9	2 H	16 H	24 H	5 D	NIPPON MARINE THINNER 600	Pure epoxy (Super high build / Surface tolerant / Two-pack)	
16-06	ICEBAN 1600	27L	Base 2 Hardener 1	Red Oxide	95 ±2%	526	500	1.9	16 H	78 H	6 H	12 H	-	-	Pure epoxy (Super high build / Abrasion and low frictional resistant / Two-pack)
16-08	NIPPON E-MARINE PRIMER GALV	18L	Base 6.2 Hardener 1	White	52 ±2%	58	30	17.33	10 min	4 H	4 H	-	NIPPON MARINE THINNER 600	Pure epoxy (Two-pack)	
16-11	EVER COOL FINISH	15L	Base 5 Hardener 1	Gray Green Red Oxide	62 ±2%	81	50	12.4	30 min	8 H	16 H	-	NIPPON MARINE THINNER 700	Polyurethane (Two-pack)	
16-12	EVER COOL PRIMER	18L	Base 5.67 Hardener 1	White	61 ±2%	164	100	6.1	1 H	12 H	12 H	-	NIPPON MARINE THINNER 600	Epoxy (High build / Two-pack)	