

To discover more about maximizing fleet performance for coastal vessels, contact us or visit our website.

www.international-marine.com/in-focus/coastal-vessels

Local distributors

We recognize the importance of providing high-quality technical support and advice to our customers. Here's how you can reach our top tier distributors.

Name	Contact details	
	Location	
	E-mail	
	Tel	
	Location	
	E-mail	
	Tel	

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All of the colors illustrated on this card are available worldwide from our core range of cosmetic finishes, which features acrylic polysiloxane, acrylic polyurethane, epoxy, modified acrylic and traditional alkyd gloss technologies.

Notes:

- When placing orders, please quote the product name, numbers, color and shade reference (e.g., Interthane 990, Ocean Blue E992)
- Whilst every care is taken to match colors on this card, the manufacturers cannot be responsible for slight variations.

	
Stone D053	Sand B125
	
Blued White C000	Cloud Blue O835
	
Surf Grey F684	Storm Grey K724
	
Signal Blue D913	Caribbean Blue C935

All products supplied and technical advice or recommendations given are subject to our standard Conditions of Sale.

	
International Orange D260	Red L274
	
Signal Red C287	Ensign Red B295
	
Eau-de-Nil F384	Signal Green L549
	
Buff E143	Yellow B134
	
Pearl Grey H017	Haze Grey K705
	
French Grey J724	Mid Graphite T806
	
Ocean Blue E992	

Colors black and white, not illustrated on this card, are also available.

Product (South Asia)	Anti-Corrosive							
	[1]	[2]	3	4	[5]	6	7	8
Technical Information	Intershield® 300HS	Intershield® 300	Intergard® 7500	Intertuf® 262	Interseal® 670HS	Intergard® 263	Intertuf® 203	Interprime® 198
Product Type	Pure Epoxy	Pure Epoxy	Pure Epoxy	Epoxy	Epoxy	Epoxy Tie Coat	Vinyl	Alkyd
Code	EN	EN	KU	KH	EG	FA	JV	CP
Color – examples	Aluminum, Bronze	Aluminum, Bronze	Light Red, Aluminum	Red	Various	Light Grey, Buff	Aluminum, Black	Grey, Red, White
Volume Solids	78% ±2%	60% ±2%	80% ±2%	73% ±2%	82% ±3%	57% ±2%	40% ±2%	41% ±2%
Mix Ratio – Part A : B	2.5 : 1	2.5 : 1	3 : 1	4 : 1	5.67 : 1	4 : 1	–	–
Typical Film Thickness – dry [micron] (Range)	125 (100 - 200)	125 (100 - 200)	125 (100 - 200)	125	125 (125 - 250)	100	75	75
Typical Film Thickness – wet [micron] (Range)	160 (128 - 256)	208 (167 - 333)	156 (125 - 250)	171	152 (152 - 305)	175	188	183
Theoretical Coverage [m ² / liter]	4.88	4.8	6.4	5.84	6.56	5.7	5.33	5.47
Drying Time – Touch [at 25 °C]	2 hrs	3 hrs	60 mins	4 hrs	5 hrs	6 hrs	2 hrs	60 mins
Drying Time – Hard [at 25 °C]	4 hrs	6 hrs	3 hrs	9 hrs	18 hrs	16 hrs	8 hrs	4 hrs
Minimum Overcoating Interval [self on self at 25 °C]	4 hrs	7 hrs	3 hrs	6 hrs	18 hrs	8 hrs	8 hrs	60 mins
Maximum Overcoating Interval [self on self at 25 °C]	14 days (immersed)	14 days (immersed)	14 days (immersed)	21 days (by tie coat)	ext (not immersed)	5 days (by major AFS)	6 mths	ext
Pot Life [at 25 °C]	75 mins	150 mins	90 mins	4 hrs	2 hrs	6 hrs	–	–
Thinner	GTA220	GTA220	GTA220	GTA220	GTA220	GTA220	GTA007	GTA007
Cleaner	GTA220	GTA220	GTA220	GTA220	GTA220	GTA220	GTA007	GTA007

* [1], [2] Intershield 300 and 300HS are Abrasion Resistant Anti-Corrosive Primers.

* [5], [21] Data is based on temperate version of the product.

* [24] Evolution version Interthane 990E is also available.

* Theoretical Coverage is based on the Typical Film Thickness with appropriate loss factors.

* Thinning is not normally required. Consult the local representative for advice during application in extreme conditions.

* For more detailed information e.g., colors, overcoating intervals by other products, please refer to technical data sheets.

* The product availability does vary from country to country.

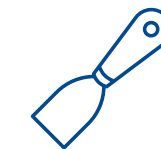
Application guidelines



Planning



Using the correct personal protective equipment



Scraping



Degreasing



Washing



Surface preparation and feathering



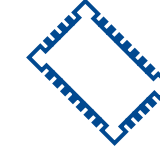
Remove dust and debris



Avoiding surface moisture



Applying the paint



Measuring film thickness



Checking the drying time and recoating intervals

Anti-Fouling								
9	10	11	12	13	14	15	16	17
Intercept® 8500 LPP	Intersmooth® 7670 SPC	Intersmooth® 7200Si SPC	Intercept® 7000	Interswift® 6800HS	Interswift® 6600	Interspeed® 6200	Interspeed® 376	Interclene® 155
SPC A/F	SPC A/F	SPC A/F	SPC A/F	SPC A/F	SPC A/F	CDP self-polishing	CDP A/F	CDP A/F
LP	BE	BE	LP	BM	BM	BQ	BQ	BW
Brown, Red	Brown, Red	Brown, Red	Brown, Red	Red, Brown, Blue, Green	Red, Brown	Red, Brown	Red, Blue, Black	Red
56% ±2%	57% ±2%	61% ±2%	60% ±2%	62% ±2%	58% ±2%	58% ±2%	45% ±2%	52% ±2%
–	–	–	–	–	–	–	–	–
(75 - 170)	(75 - 150)	(75 - 200)	(75 - 150)	(75 - 200)	(75 - 150)	(75 - 150)	90	75
(134 - 304)	(132 - 263)	(123 - 328)	(125 - 250)	(121 - 323)	(129 - 259)	(129 - 259)	200	144
7.47 - 3.29	7.6 - 3.8	8.1 - 3.0	8.0 - 4.0	8.3 - 3.1	7.7 - 3.9	7.5 - 3.7	5.0	6.93
60 mins	40 mins	1.5 hrs	2.5 hrs	2 hrs	2 hrs	2 hrs	30 mins	3 hrs
12 hrs (flooding)	12 hrs (flooding)	16 hrs (flooding)	8 hrs (flooding)	8 hrs (flooding)	8 hrs (flooding)	8 hrs (flooding)	3 hrs (flooding)	4 hrs (flooding)
16 hrs	4 hrs	8 hrs	6 hrs	6 hrs	6 hrs	6 hrs	6 hrs	3 hrs
6 mths	6 mths	6 mths	6 mths	ext	ext	6 mths	28 days	ext
–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–
GTA007	GTA007	GTA007	GTA007	GTA007	GTA007	GTA007	GTA007	GTA007

Abrasion Resistance				Non-skid	Filler	Cosmetic Finish				
18	19	20	[21]	22	23	24	25	26	27	
Intershield® 803	Interzone® 1000	Interzone® 954GF	Interbond® 201	Intershield® 851	Intergard® 821	Interthane® 990	Intergard® 740	Intersheen® 579	Interlac® 665	
Epoxy	Glass Flake	Glass Flake	Epoxy	Epoxy	Epoxy	Polyurethane	Epoxy	Acrylic	Alkyd	
EG	EP	ZF	KD	AD	EA	PH	EC	LA	CL	
Grey, Red	Grey, Red	Grey, Red	Surf Grey, Red	Grey	Grey	Various	Various	Various	Various	
75% ±2%	92% ±2%	85% ±2%	74% ±2%	77% ±2%	100%	57% ±3%	51% ±3%	35% ±3%	48% ±3%	
4 : 1	3.5 : 1	4 : 1	4 : 1	5.42 : 1	1 : 1	6 : 1	4 : 1	–	–	
125	500 (500 - 1,000)	500 (200 - 500)	150	1,000	6,000	50	50	40	40	
167	543 (543 - 1,087)	588 (235 - 588)	203	1,299	6,000	88	98	114	83	
6	1.84	1.7	4.93	0.77	0.17	11.4	10.2	8.75	12	
3 hrs	5 hrs	3.5 hrs	4 hrs	5 hrs	6 hrs	1.5 hrs	3 hrs	30 mins	6 hrs	
6 hrs	12 hrs	6 hrs	9 hrs	16 hrs	24 hrs	6 hrs	16 hrs	8 hrs	24 hrs	
6 hrs	12 hrs	6 hrs	6 hrs	16 hrs	24 hrs	6 hrs	16 hrs	4 hrs	24 hrs	
7 days	4 days	21 days	28 days	ext	48 hrs	ext	ext	ext	ext	
60 mins	60 mins	45 mins	4 hrs	6 hrs	60 mins	2 hrs	8 hrs	–	–	
–	–	–	GTA220	–	–	–	GTA220	–	GTA004	
GTA822	GTA822	GTA220	GTA220	GTA220	GTA822	GTA713	GTA220	GTA007	GTA004	

Coastal Paint Guide

Sustainable fleet performance from coast-to-coast

South Asia edition

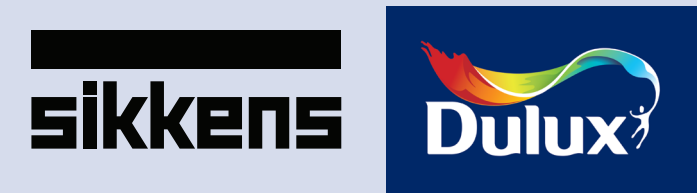
High Performance Coatings for Coastal Vessels

Coating solutions to combat fouling, corrosion and abrasion

Here at AkzoNobel, we supply the sustainable and innovative paints and coatings that our customers, communities – and the environment – are increasingly relying on. That's why everything we do starts with People. Planet. Paint.

Our world class portfolio of brands – including Dulux, International, Sikkens, Awlgrip and Interpon – is trusted by customers around the globe. We're active in more than 150 countries and have set our sights on becoming the global industry leader. It's what you'd expect from a pioneering paints company that's committed to science-based targets and is taking genuine action to address globally relevant challenges and protect future generations.

Key brands:



www.international-marine.com/in-focus/coastal-vessels

External Superstructure

Anti-Corrosive

- Interprime 198

Cosmetic Finish

- Interthane 990 / 990E
- Intergard 740
- Intersheen 579
- Interlac 665

Internal Superstructure

Anti-Corrosive

- Interprime 198

Cosmetic Finish

- Interlac 665

External Decks

Anti-Corrosive

- Intershield 300 / 300HS
- Intergard 7500
- Interseal 670HS

Abrasion Resistance

- Intershield 300 / 300HS
- Interzone 954GF
- Interbond 201
- Intershield 851 / 852

Non-skid

- Intershield 851 / 852

Topsides / Bootop

Anti-Corrosive

- Intershield 300 / 300HS
- Intergard 7500
- Interseal 670HS
- Intertuf 262
- Intergard 263 – tie coat

Abrasion Resistance

- Intershield 300 / 300HS
- Interzone 1000

Cosmetic Finish

- Interfine 878

- Interthane 990 / 990E
- Intergard 740
- Intersheen 579
- Interlac 665

Underwater Hull

Anti-Corrosive

- Intershield 300 / 300HS
- Intergard 7500
- Intertuf 262
- Intergard 263 – tie coat

Abrasion Resistance

- Intershield 300 / 300HS
- Interzone 1000

Anti-Fouling / Fouling Control

- Intersleek 1100SR – non-biocide foul release type
- Intercept 8500LPP / 7000
- Intersmooth 7670SPC
- Intersmooth 7200Si SPC
- Interswift 6800HS / 6600
- Interspeed 6400 / 6200
- Interspeed 376
- Interclene 155

Water Ballast Tanks

Anti-Corrosive

- Intershield 300 / 300HS
- Intergard 7500
- Interbond 808

Cargo Areas / Cargo Holds

Abrasion Resistance

- Intershield 803
- Interzone 954GF
- Intershield 300 / 300HS
- Interbond 201

Cargo Tanks

Grey Water Tanks

Mud Tanks

Tank Coatings

- Interline 994
- Interline 704
- Interline 104

Recommended coatings for wood vessels

Underwater Hull	External Deck	External Superstructure	Internals
Anti-Corrosive	Anti-Corrosive	Anti-Corrosive	Anti-Corrosive
• Intertuf 203	• Interprime 198	• Intertuf 203	• Interprime 198
Anti-Fouling	Cosmetic Finish	Cosmetic Finish	Cosmetic Finish
• Interspeed 6400 / 6200	• Interlac 665	• Intersheen 579	• Interlac 665

For further details on coating systems, please consult your International brand representative.

Anti-Fouling

Intersmooth® 7670SPC

Ultra-performance coastal SPC antifouling: The optimal solution for coastal vessels with low vessel activity and multiple static periods, causing severe fouling challenges.

Features	Benefits
• Pure SPC antifouling with fast polishing copper acrylate binder system	• High performance antifouling control
• Developed especially to meet the severe fouling challenges of vessels trading in coastal waters	• Suitable for low activity coastal vessels
	• Good performance under static conditions in tropical waters

Intersmooth® 7200Si SPC

High solids, high performance, TBT free, low friction, self polishing copolymer (SPC) antifouling, based on patented Silyl Methacrylate polymer technology.

Features	Benefits
• Cost effective Silyl Methacrylate SPC technology in combination with a proven biocide package	• Best fuel savings for its position
• Predictable polishing during scheme life	• Effective fouling control with consistent antifouling performance
• Highest volume solid (61%) among Silyl antifouling products	• Increase workability
	• Less waste of paint

Interswift® 6800HS / 6600

Patented, high volume solids, hydrolyzing, self-polishing antifouling product incorporating copper acrylate SPC technology.

Features	Benefits
• Incorporates patented copper acrylate SPC technology	• Reduced leached layer for antifouling performance
• Controlled polishing rate and biocide release	• Tailored specification design with optimum dry film thickness
• Surface tolerant	• Suitable for application over existing antifouling in good condition
	• Increase workability
	• Less waste of paint

Interspeed® 6400 / 6200

Controlled Depletion Polymer (CDP) self-polishing antifouling product.

Features	Benefits
• Surface tolerant	• Reduced surface preparation costs
• Durable films	• Control of mechanical damage
• Controlled biocide release	• Tailored specification design with optimum dry film thickness
• Higher volume solids	• Increase workability
	• Less waste of paint

Interspeed 376 is recommended for aluminium vessels.

Anti-Corrosive

Intershield® 300 / 300HS

Industry benchmark in corrosion protection: A light colored, abrasion resistant, aluminium pure epoxy giving excellent long term anticorrosive protection.

Features	Benefits
• Excellent corrosion and abrasion resistance	• Long term asset protection
• Optimum levels of aluminium pigmentation	• Excellent corrosion control
• Surface tolerance	• Easy to repair
• Universal anticorrosive	• Simplified maintenance

Intertuf® 262

A hard wearing, surface tolerant, two pack epoxy primer.

Features	Benefits
• Surface tolerance	• Control of surface preparation costs
• Two pack epoxy formulation	• Corrosion protection
• Keel to rail capable	• Simplified maintenance

Intergard® 263

A two pack, epoxy tie-coat to ensure maximum system adhesion and performance.

Features	Benefits
• Modified epoxy formulation	• Excellent adhesion when overcoated with antifouling/cosmetic finishes
• Tar free	• Health and safety for the applicator

Interprime® 198

A quick drying, one pack alkyd primer.

Features	Benefits
• One pack alkyd primer	• Easy application for above and internal areas
• Certification for food contact	• Approved for the carriage of grain

Intergard® 7500

A light colored, pure epoxy universal primer providing good abrasion resistance and anticorrosive properties.

Features	Benefits
• Universal anticorrosive	• Simplified maintenance
• Application and fast drying at low temperature down to -5°C	• Excellent year-round workability and fast access
• Pure epoxy containing aluminium	• Enhanced corrosion protection

Interseal® 670HS

A low VOC, high solids surface tolerant, two pack epoxy primer offering corrosion protection in one coat.

Features	Benefits
• High solids	• Increase workability
	• Less waste of paint
• Universal anticorrosive	• Simplified maintenance
• Surface tolerance	• Easy to repair

Intertuf® 203

A one pack, tar free vinyl anticorrosive for wood and steel above and below water areas.

Features	Benefits
• One pack vinyl primer	• Easy to apply for wood vessels
• Tar free	• Health and safety for the applicator

Interbond® 201

A hard wearing, surface tolerant, two pack epoxy primer / finish.

Features	Benefits
• Can be applied to surfaces prepared to St2 (ISO8501-1)	• Control of surface preparation costs
• Can be applied over existing coatings	• Simple upgrading without extensive surface preparation
• FDA compliant	• Suitable for the carriage of dry foodstuffs

Abrasion Resistance

Intershield® 803

A two pack, abrasion resistant pure epoxy coating with excellent mechanical properties.

Features	Benefits
• Excellent abrasion resistance	• Control of damage and corrosion
• FDA compliant	• Suitable for the carriage of dry foodstuffs
• Smooth surface	• Assists in cleaning between cargoes
• Aromatic amine free	• Health and safety for the applicator

Interzone® 1000

A very high solids, glass flake epoxy containing a high level of properties of excellent corrosion, abrasion, and chemical resistance.

Features	Benefits
• Excellent barrier corrosion protection	• Control of damage and corrosion above and below water areas
• High aspect ratio of glass flake	• Enhanced durability and corrosion resistance even in the most demanding areas
• Excellent resistance to mechanical impact and abrasion	• Very good chemical resistance

Interzone® 954GF

A high solids glass-flake modified epoxy: Reinforced with high aspect ratio lamellar glass flake, offering excellent anticorrosive protection and abrasion resistance.

Features	Benefits
• Excellent corrosion protection and abrasion resistance	• Long term asset protection and reduced future maintenance costs
• Suitable for Sa2 (ISO8501-1) Hydro-Blasted (HB2M), Slurry-Blasted (SB2M)	• Easy repair with multiple approved surface preparation methods
• High solids	• Increased productivity and reduced packaging and logistic costs

Cosmetic Finish

Interfine® 878

A patented, high performance, high volume solids content acrylic polysiloxane cosmetic finish providing excellent long-term durability.

Features	Benefits
• Combines excellent long term gloss and color retention with good corrosion protection	• Extended time to major maintenance
• Good abrasion and impact resistance over recommended primers	• Reduced corrosion due to mechanical damage
• Extended recoatability and high build application properties	• Easy maintenance and good opacity in single coat

Intergard® 740

A two pack, epoxy cosmetic finish, particularly useful for areas that experience high abrasion or chemical exposure.

Features	Benefits
• High gloss cosmetic finish using hard wearing epoxy formulation	• Enhanced vessel appearance
• Good abrasion resistance and protection over recommended primers	• Good resistance to chemical/solvent spillage
• Extended recoatability and strong hiding power	• Reduced corrosion due to mechanical damage
	• Easy maintenance and good opacity at low dft

Interlac® 665

A one-pack alkyd gloss finish.

Features	Benefits
• A high-quality alkyd finish coat with high gloss	• High gloss appearance of internal and external areas
• One pack	• Easy maintenance of vessel appearance

Interthane® 990

A two pack, acrylic based polyurethane cosmetic finish providing good long term durability.

Features	Benefits
• Very good gloss and color retention	• Premium vessel appearance with reduced maintenance costs
• Acrylic polyurethane technology	• Mechanically and chemically tough systems that resist damage
• Extended recoatability and low temperature cure	• Easy cost-effective maintenance with year-round workability

Intersheen® 579

A fast drying, one-pack, modified acrylic finish.

Features	Benefits
• A high-quality acrylic finish coat	• Optimized vessel appearance with good dirty pick up resistance
• Optimized impact resistance and hardness	• Optimized corrosion resistance due to mechanical damage
• Fast drying	• Fast access and easy cost-effective maintenance
• Good recoatability on most aged finishes	

Non-skid

Intershield® 851

A high build, spray applied, two pack, coarse texture non-skid epoxy coating with high volume solids.

Features	Benefits
• Navy approved non-skid deck coating	• Support crew workplace and cargo safety in operation of coastal vessels
• Fuel and chemical resistance	• Resists chemical spillages

Intershield 852 is also recommended for medium texture non-skid deck coatings.