

Marine & Heavy Duty Coatings



Solve Your Corrosion Problems

PT TAM VICTORY CEMERLANG

Produsen / Pabrik :

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PT TAM Victory Cemerlang (TAM) manufactures anti-corrosive paints for industrial and marine with a vision to become one of the leading heavy duty coating manufacturing companies in Indonesia.

PT TAM Victory Cemerlang (TAM) is committed to creating innovative and high quality products ranging from the shipping industry, ports, platform, water intake, tanks, bridges, RMQC, steam generators to projects on a national scale.

PT TAM Victory Cemerlang (TAM) uses imported high-quality raw materials and gains support from well-trained and experienced experts.

PT TAM Victory Cemerlang (TAM) is ready to serve the increasingly growing coating market and to face future challenges by providing innovative and high-quality products to its customers.

To ensure after sales service and timely project execution, PT TAM Victory Cemerlang (TAM) always maintain a minimum stock of raw materials to provide fast and prompt delivery to our customers.

Happy reading and thank you for providing us with the opportunity to become part of your company's success.



TAM solve your company's corrosion problems



TAM - Background Company

- 02 Products Heavy Duty and Marine
- 03 Equipments and Raw Materials
- 04 Marine Coating System
- 05 Referensi List

CONTENT

01



1. Background company

PT TAM VICTORY CEMERLANG

PT TAM Victory Cemerlang (TAM) is a group of PT Perintis Proteksi Sejahtera (PERPRO), which has been engaged in the cathodic protection industry **since 1991** (Manufactured Aluminium & Zinc Anodes).

PT Perintis Proteksi Sejahtera (PERPRO) is an Indonesian cathodic protection system company dealing with companies engaged in the oil, gas, marine and industrial sectors.

In 2004, PT TAM Victory Cemerlang (TAM) was established to manufacture anti-corrosion paints under the “TAM” trademark.

PT TAM Victory Cemerlang gains support from experts with decades of experience at coating multinational companies and master modern technology to create high quality products.

The manufacturing plant of PT TAM Victory Cemerlang is located at **Greenland International Industrial Center Cikarang Pusat**, equipped with modern technology, complete laboratory equipment and has a production capacity of 200,000 liters per month.

PT TAM Victory Cemerlang is a company that prioritizes quality and has a solid team performance and uses imported high-quality raw materials to create high-quality products, rendering the Company ready to enter the global market.

PT TAM Victory Cemerlang always acts professionally in any project that it handles as well as having a strong and professional team capable of explaining the details of their job to the customers and also in terms of project planning and a technical support team working in an orderly, fast and efficient manner.

PT TAM Victory Cemerlang (TAM) has been much evolved and transformed in terms of system structuring and improvement of service learned from past experiences and continuously developed in order to maintain the quality of work results of PT TAM Victory Cemerlang (TAM) in the eyes of the customers.

We realize that the quality of coating is highly determined upon execution of application. Therefore, the Technical Service Team of TAM Coating is trained, guided and supervised by a TAM Team of Experts with **NACE / AMPP** Certified Coating Inspector Level 1, 2, **NACE / AMPP** Certified Corrosion Technologist, **NACE/AMPP** Certified Protective Coating And Technologist and Ascoatindo Certified.



T A M s o l v e y o u r c o m p a n y ' s c o r r o s i o n p r o b l e m s

2.

PT. TAM Victory Semarang | Profil Perusahaan



Products heavy duty and Marine

Klasifikasi Produk TAM

ALKYD PRIMER

- TAM 201 Universal Primer
- TAM 202 ZP Alkyd Anti Corrosive Primer

ALKYD FINISH

- TAM 291 Satin Enamel
- TAM 292 Alkyd Gloss Finish
- TAM 293 Modified Phenolic Alkyd Primer
- TAM 294 Modified Phenolic Alkyd Finish

EPOXY PRIMER / INTERMEDIATE

- TAM 303 Epoxy Zinc Phosphate Primer
- TAM 305 Zinc Rich Epoxy
- TAM 355 Multi Purpose Epoxy
- TAM 357 HS Polyamine Epoxy

BALLAST TANK COATING

- TAM 355 Surface Tolerant Epoxy

EPOXY FINISH

- TAM 390 High Build Epoxy
- TAM 391 Epoxy Enamel

TANK LININGS / CHEMICAL RESISTANCE

- TAM 392 High Solid Amine Cured epoxy
- TAM 393 Acid Resistance Lining
- TAM 394 Phenolic Epoxy

ACRYLIC FINISH

- TAM 495 Acrylic Finish

POLYURETHANE FINISH

- TAM 598 Polyurethane Finish

ANTI FOULING

- TAM 690 Tropical AF
- TAM 691 Tin Free Long Life AF
- TAM 692 Super Tropical AF
- TAM 693 SP Anti Fouling

BITUMINOUS COATINGS

- TAM 790 Bituminous

Spesifik Produk TAM

SUBSEA, ABRASION – RESISTANCE & SPLASH ZONE COATINGS

- TAM 395 CoalTar Epoxy
- TAM 396 Tide Guard
- TAM 397 Ultra High Build Epoxy
- TAM 398 Glass Flake Epoxy

PIPELINE COATINGS

- TAM 395 CoalTar Epoxy
- TAM 398 Glass Flake Epoxy

HEAT RESISTANCE COATING

- TAM 892 Aluminium Apint
- TAM 895 Silicone Acrylic
- TAM 896 Hi Heat Silicone

UNDERWATER COATING

- TAM 892 Underwater Epoxy

INORGANIC ZINC PRIMER

- TAM 900 Inorganic Zinc Silicate

THINNER & CLEANER

- TAM 100 Eq Thinner
- TAM 110 Alkyd Thinner
- TAM 120 Epoxy Thinner
- TAM 130 Vinyl Thinner
- TAM 140 Inorganic ZN Thinner
- TAM 150 PU Thinner
- TAM 160 Acrylic Thinner

3. Equipments and raw materials





Information

- High speed disperser 30HP
- High speed disperser 40HP
- Sandmill 15HP
- Sandmill 20HP

Equipments

Laboratory and Inspection Equipments



Information

- Density (or Specific Gravity) cups
- Black and white checkerboard
- Line drying time recorder
- BDJ-1 Rotary viscometer
- Wet film thickness gauges
- Dry film thickness gauge
- Sagging tester

Information

- Cross cutting rule
- B4 Viscosimeter
- Grind gauge
- Foursided applicator
- Wire rod applicators
- Glossmeter
- Leveling tester

Information

- Pencil hardness tester
- Elcometer 106 adhesion tester
- Oven
- Electrical balance
- Digital thermometer and hygrometer
- Holiday Detector
- Anchor Patern Profile Gauge

Raw Materials

Information

- | | |
|---------|-------------------------------------|
| Epoxy | Shell, DOW, KUKDO, EVONIK, Huntsman |
| PU | Arindo, Albright & Wilson |
| Acrylic | Rhoom & Haas, TEGO |
| Alkyd | Arindo |
| Pegment | BASF, BAYER, DUWA, CABOT, Milenium |
| Additif | BYK, TEGOM EFKA, Evonik Degussa |
| Solvent | MAP |



4. COATING SYSTEM FOR MARINE

MARINE COATING SYSTEM UNTUK KAPAL BESI / BAJA

AREA : FLAT BOTTOM (Terendam) & Bottop
SURFACE PREPARATION : FULL BLASTING - SA 2,5

COATS	GENERIC NAME	Product Name	Dry Film Thickness	Description
			Microns	
1st	Coaltar Epoxy **	TAM 395	1 x 250	Anti Korosi ekonomis & sangat baik
2nd	Super Tropical Antifouling	TAM 691	1 x 150	24 month
TOTAL			400	

AREA : TOPSIDE
SURFACE PREPARATION : FULL BLASTING - SA 2,5

COATS	GENERIC NAME	Product Name	Dry Film Thickness	Description
			Microns	
1st	Coaltar Epoxy **	TAM 355	125	Anti Korosi ekonomis & sangat baik
2nd	Alkyd	TAM 292	1 x 40	Tahan kondisi cuaca yang ekonomis
Or				
2nd	Polyurethane	TAM 598	1 x 40	Tahan kondisi cuaca yang sangat baik
TOTAL			165	

AREA : MAIN DECK
SURFACE PREPARATION : FULL BLASTING - SA 2,5

COATS	GENERIC NAME	Product Name	Dry Film Thickness	Description
			Microns	
1st	Coaltar Epoxy ***	TAM 395	1 x 200	Anti Korosi ekonomis & sangat baik
TOTAL			200	

AREA : INTERIOR
SURFACE PREPARATION : HAND TOOLS & POWER TOOLS

COATS	GENERIC NAME	Product Name	Dry Film Thickness	Description
			Microns	
1st	Alkyd Primer	TAM 202	1 x 40	Primer Coating untuk interior
2nd	Alkyd Gloss Finish	TAM 292	1 x 40	Primer Coating untuk interior
TOTAL			80	

AREA : RUANG MESIN
SURFACE PREPARATION : HAND TOOLS & POWER TOOLS

COATS	GENERIC NAME	Product Name	Dry Film Thickness	Description
			Microns	
1st	Modified Phenolic Alkyd Primer	TAM 293	1 x 40	Primer Coating tahan panas sampai 140 °C
2nd	Modified Phenolic Alkyd Gloss Finish	TAM 294	1 x 40	Primer Coating tahan panas sampai 140 °C
TOTAL			80	

NOTE :

**
JIKA TIDAK MEMUNGKINKAN FULL BLASTING SA 2,5 (MINIMUM SWEEP BLASTING) DAPAT DIGUNAKAN SURFACE TOLERANT EPOXY TAM 355 (1 x 125 Micron)

JIKA TIDAK MEMUNGKINKAN FULL BLASTING SA 2,5 (MINIMUM SWEEP BLASTING) DAPAT DIGUNAKAN SURFACE TOLERANT EPOXY TAM 355 (1 x 125 Micron) + Pasir & TAM 292 Alkyd Gloss (1x 50 Micron)

MARINE COATING SYSTEM UNTUK TONGKANG / PONTON ANGKUTAN

AREA : BOTTOM (Terendam)
SURFACE PREPARATION : FULL BLASTING - SA 2,5

COATS	GENERIC NAME	Product Name	Dry Film Thickness	Description
			Microns	
1st	Coaltar Epoxy	TAM 395	1 x 250	Anti Korosi ekonomis & sangat baik
2nd	Super Tropical Antifouling	TAM 691	1 x 150	24 month
TOTAL			400	

AREA : TOPSIDE
SURFACE PREPARATION : FULL BLASTING - SA 2,5

COATS	GENERIC NAME	Product Name	Dry Film Thickness	Description
			Microns	
1st	Coaltar Epoxy	TAM 395	1 x 200	Anti Korosi ekonomis & sangat baik
TOTAL			200	

AREA : SIDEBOARD EXTERNAL & INTERNAL
SURFACE PREPARATION : FULL BLASTING - SA 2,5

COATS	GENERIC NAME	Product Name	Dry Film Thickness	Description
			Microns	
1st	Coaltar Epoxy	TAM 395	1 x 200	Anti Korosi ekonomis & sangat baik
TOTAL			200	

AREA : MAIN DECK
SURFACE PREPARATION : FULL BLASTING - SA 2,5

COATS	GENERIC NAME	Product Name	Dry Film Thickness	Description
			Microns	
1st	Coaltar Epoxy	TAM 395	1 x 200	Anti Korosi ekonomis & sangat baik
TOTAL			200	

AREA : TONGKANG DENGAN RUANG MESIN
SURFACE PREPARATION : HAND TOOLS & POWER TOOLS

COATS	GENERIC NAME	Product Name	Dry Film Thickness	Description
			Microns	
1st	Modified Phenolic Alkyd Primer	TAM 293	1 x 40	Primer Coating tahan panas sampai 140 °C
2nd	Modified Phenolic Alkyd Gloss Finish	TAM 294	1 x 40	Primer Coating tahan panas sampai 140 °C
TOTAL			80	

5. Referensi

LIST

Referensi List

TAM REFERENSI LIST FOR PROTECTIVE COATING			
NO.	Nama Perusahaan	Scope of Work	Project Name
1.	PT. IEV GAS	Supply coating material ["TAM"] - Tam 400 Multi Purpose Epoxy - TAM 378 Polyurethane Finish	Steel Structure - Tube Skid
2.	PT ISM Bogarasari	Supply coating material ["TAM"] and application for Pipe - Tam 400 Multi Purpose Epoxy - TAM 378 Polyurethane Finish	Steel Structure – Maintenance
3.	PT Gagas Mandiri	Supply coating material ["TAM"] & Application - Tam 400 Multi Purpose Epoxy - TAM 378 Polyurethane Finish	Steel Structure – Maintenance
4.	PT Waskita Karya	Supply coating material ["TAM"] TAM Underwater	Jetty Steel Pile
5.	PT Ranadityo Sukses Makmur	Supply Coating Material (TAM) TAM 355 Multipurpose Epoxy TAM 392 High Solid Amine Cured Epoxy	Internal Steel Tank
6.	PT. Indofood Sukses Makmur	Supply Coating Material (TAM) TAM 355 Multipurpose Epoxy TAM 598 Polyurethane Finish	Steel Structure Maintenance
7.	PT. Swarna Baja Pacific	Supply Coating Material (TAM) TAM 389 Glassflake Epoxy	Steel Pipe
8.	PT. ADHIKARYA	Supply Coating Material (TAM) TAM 355 Multipurpose Epoxy TAM 398 Glassflake Epoxy TAM 395 Coaltar Epoxy	Jetty Steel Pile
9.	PT. SAC NUSANTARA	Supply Coating Material (TAM) TAM 355 Multipurpose Epoxy TAM 398 Glassflake Epoxy	Jetty Steel Pile
10.	PT. PANCA DUTA PRAKARSA	Supply Coating Material (TAM) TAM 355 Multipurpose Epoxy TAM 398 Glassflake Epoxy	Jetty Steel Pile
11.	PT. Chandra Asri Petrochemical Tbk.	Repair Coating Pipeline (TAM)	Steel Pipe – Pipeline
12.	PT. TERMINAL PETIKEMAS SURABAYA	Coating Base Plate Bollard	Jetty Steel Pile - Darmaga Internasional & Domestik
13.	PT. MENTARI MAJU MANDIRI	Supply Coating Material (TAM) TAM 292 Alkyd Gloss Finish White TAM 292 Alkyd Gloss Finish Black	Steel Structure – Maintenance
14.	CV, Kenjaya Sukses Mandiri	Supply Coating Material (TAM) TAM 015 TAM 292 Alkyd Gloss Finish TAM 598 Polyurethane Finish	Steel Structure – Maintenance
15.	PT. Yoyonsalla Prima Utama	Supply Coating Material (TAM) TAM 597 Polyurethane	Steel Structure – Maintenance
16.	PT. Bangun Artha Hutama	Supply Coating Material (TAM) TAM 399 Underwater Coating	Jetty Steel Pile - DSSP Power
17.	PT. ASCORINDO PELANGI	Supply Coating Material (TAM) TAM 892 Aluminium Paint TAM 343 Flatting Base	Maintenance
18.	PT. MENTARI MAJU MANDIRI	Supply Coating Material (TAM) TAM 292 Finish White TAM 292 Finish Black	Maintenance

19.	PT. SWARNA BAJA PACIFIC	Supply Coating Material (TAM) TAM 395 Coal tar Epoxy TAM 354 UNIVERSAL EPOXY PRIMER	Pipa
20	PT. TAMUKU DJUNIOR BERJAYA	Supply coating material ["TAM"] & Application TAM 305 ZINC RICH EPOXY TAM 355 Multipurpose Epoxy TAM 599 HS POLYURETHANE FINISH	Maintenance
21.	PT. SATYAMITRA SURYA PERKASA	Supply Coating Material (TAM) TAM 790 BITUMINOUS	Maintenance
22.	PT. TIRTA INTIMIZU NUSANTARA	Supply Coating Material (TAM) TAM 355 MULTI PURPOSE EPOXY (TIONA)-WHITE	Internal Tangki
23.	PT. SEUNGBIN TEXTILE RAJA	Supply Coating Material (TAM) TAM 460	Maintenance
24.	PT GUNUNG RAJA PAKSI	Supply Coating Material (TAM) TAM 398 Glass Flase Epoxy	Maintenance
25.	PT AIR LIQUIDE	Supply Coating Material (TAM) PAINTING & INSULATING - COATING SYSTEM	Maintenance
26.	PT TRISAKTI CIPTA NUSANTARA	Supply Coating Material (TAM) PAINTING & SANDBLASTING - COATING SYSTEM	Jetty
27.	PT RANADITYO SUKSES MAKMUR	Supply Coating Material (TAM) REPAIR INTERNAL PAINTING - DOVER CHEMICAL	Tangki
28.	PT HANSINDO PRATAMA ABADI	Supply Coating Material (TAM) TAM 392 HIGH SOLID AMINE CURED EPOXY	Maintenance
29.	PT TRIMANUNGGAL SEJAHTERA	Supply Coating Material (TAM) TAM 790 BITUMINOUS	Maintenance
30.	PT. Mirlindo Padu Kencana	Supply Coating Material (TAM) TAM 355 Multipurpose Epoxy TAM 398 Glassflake Finish	Steel Structure - Steel Pile Jetty
31.	PT. PP (Persero)	Supply Coating Material (TAM) TAM 355 Multipurpose Epoxy TAM 398 Glassflake Finish	Steel Structure - SWI Pipa - PLTU Timor
32.	PT. JAKARTA TANK TERMINAL	Supply Coating Material (TAM) & Applicator : TAM 355 WS TAM 398 Glass flake Epoxy	Steel Structure - Jetty Pile
33.	PT. Chandra Asri Petrochemical Tbk.	Repair Coating Pipeline (TAM)	Steel Pipe - Pipeline
34.	PT. Mura Mitra	Supply coating material ["TAM"] - Tam 400 Multi Purpose Epoxy - TAM 378 Polyurethane Finish	Steel Structure
35.	PT Medco E&P	Supply coating material ["TAM"] and application for Pipe - Tam 400 Multi Purpose Epoxy - TAM 378 Polyurethane Finish	Steel Pipe
36.	PT. Mitra Mandala Jaya	Supply coating material ["TAM"] and application for Jetty. - Tam 400 Multi Purpose Epoxy - Tam 2000 Zone Glass Flake Epoxy	Jetty Steel Pile
37.	PT. Waskita Karya Div VII	Supply coating material ["TAM"] and application for Jetty. - Tam 400 Multi Purpose Epoxy - Tam 369 Coal tar Epoxy	Jetty Steel Pile
38.	PT Dover Chemical	Supply coating material ["TAM"] and application for welding tanki	External Steel Tank

39.	(PT Juhdi Sakti Engineering)	Supply coating material ["TAM"] and application for tanki & pipe - Tam 400 Multi Purpose Epoxy - Tam 378 Polyurethane Finish	Steel Pipe & Tank
40.	PT Aetra Air Jakarta	Supply coating material ["TAM"] and application for pipe - Tam 410 - under water coating - Tam 373 Synthetic Enamel	Steel Pipe

TAM REFERENSI LIST FOR PROJECT

NO.	NAMA PERUSAHAAN	SCOPE OF SUPPLY PERUSAHAAN
1.	Pertamina – Petrochina	Supply Material & Installation field Joint Coating System
2.	Pertamina – Medco E&P Tomori	Supply Material & Installation field Joint Coating System
3.	PT. Odira Energy Karang Agung	Supply Material & Installation field Joint Coating System
4.	PT. Surya Energi Parahita	Supply Material & Installation Field Joint Coating System/ Mesin
5.	CV. Buana Megah Tehnik	Supply Material Heat Shrink Sleeve
6.	PT. Asasta Global Mandiri	Supply Material Heat Shrink Sleeve TAM HSS Melt Stick
7.	PT. Karya Jenisto Putera	Supply Material Heat Shrink Sleeve
8.	PT. Lestari Banten Energi	Supply and Installation HDPE Splash Guard
9.	PT. ADHI KARYA	Supply and Installation HDPE Splash Guard
10.	PT. PP (PERSERO)	Supply and Installation HDPE Splash Guard
11.	PT Kurnia Agung Rezeki	Supply and Installation HDPE Splash Guard
12.	PT Dharma Perdana Muda	Supply and Installation HDPE Splash Guard
13.	PT WASKITA KARYA (PERSERO)	Supply and Installation HDPE Splash Guard
14.	PT AURA SINAR BARU	Supply and Installation HDPE Splash Guard
15.	PT. HOATYK	Supply and Installation Composite Wrapping System (TAM Composite Wrapping)
16.	PT. Nusa Citra AnugerahPratama	Supply and Installation Composite Wrapping System (TAM Composite Wrapping)
17.	PT. Intiteknindo Dianmandiri	Supply and Installation Composite Wrapping System (TAM Composite Wrapping)
18.	PT. Dutapiranti Indogrya	Supply and Installation Composite Wrapping System (TAM Composite Wrapping)
19.	PT. BORNEO BANGUN PERKASA	Supply and Installation Composite Wrapping System (TAM Composite Wrapping)
20.	PT. PAMITRA JAYA KONSTRUKSI	Supply Material Composite Wrapping System (TAM Composite Wrapping)

TAM REFENSI LIST FOR MARINE

NO.	NAMA PERUSAHAAN	SCOPE OF SUPPLY PERUSAHAAN
1.	PT. Daya Radar	Marine Coating
2.	CV. Ahok Jaya Palembang	Marine Coating
3.	PT. Sukses Ocean	Marine Coating
4.	PT. Swi Jetty Nusantara	Marine Coating untuk kapal Tongkang / Tugboat / Mesin
5.	PT. SAC Nusantara	Marine Coating untuk kapal Tongkang / Tugboat / Mesin

**PHOTOGRAPH
DOCUMENTATION**



Vessel : KM ISABELA 1 (PT. Isa Mandiri Lines)



Vessel : KM Rimba IV (PT. Rimba Segara Lines)



Vessel : KM FUDI (PT. PELNI)



Vessel : MT PANDAN (PERTAMINA PKK)



Vessel : KM Elisabeth (PT. Daya Radar Utama)



Vessel : MT.Rezqina 09 (PT. Anugrah Rizqina)

**TAM MARINE & HEAVY DUTY COATING
 APPLICATION FOR STRUCTURE**

Owner : PT ISM BOGASARI
 Location : Surabaya, Jawa Timur
 Scope of work : Design, Supply Material, Application & Inspection
 Material : TAM Multipurpose Epoxy 400, TAM Epoxy Mastic 376
 TAM Polyurethane Finish 378
 Structure : Outtake & Intake Wheat Silo Tower, Intake Pelet Tower



**TAM MARINE & HEAVY DUTY COATING
APPLICATION FOR STEEL PIPE**

Owner : Pelindo V
 Location : Kariangau, Balikpapan – Kalimantan Timur
 Scope of work : Design, Supply Material, Application & Inspection
 Material : TAM Multipurpose Epoxy 400 – Grey (100 Micron DFT)
 TAM Zone 2000 Glass Flake Epoxy – Black (400 Micron DFT)
 Structure : Pipe Dia 600, 700, 900 & 1000 mm



Crane mengangkat pipa dari stock



Angkat dari stock



Taruh diatas rel



Pipa –pipa diatas rel



Area Sandblasting



Sandblasting

**TAM MARINE & HEAVY DUTY COATING
APPLICATION FOR INTERNAL TANK**

Owner : PT MEDCO BIO ETHANOL
Location : Lampung
Scope of work : Design, Supply Material, Design, Application & Inspection
Material : TAM Phenolic Epoxy
Structure : Internal Storage Tank



TAM MARINE & HEAVY DUTY COATING APPLICATION FOR JETTY SPLASH ZONE

Owner : PT PUPUK KALIMANTAN TIMUR, Tbk
Location : Bontang, Kalimantan Timur
Scope of work : Design, Supply Material, Design, Application & Inspection
Material : TAM Glass Flex Epoxy
Structure : Splash Zone Tursina Jetty



**TAM MARINE & HEAVY DUTY COATING
APPLICATION FOR UNDER WATER JETTY**

Owner : PT PUPUK KALIMANTAN TIMUR, Tbk
Location : Bontang, Kalimantan Timur
Scope of work : Design, Supply Material, Design, Application & Inspection
Material : TAM Under Water Primer 410, TAM Under Water Finish 411
Structure : Under Water Tursina Jetty



TAM MARINE & HEAVY DUTY COATING APPLICATION FOR SPLASH ZONE JETTY

Owner : PT ISM BOGASARI
Location : Tanjung Priok, Jakarta Utara
Scope of work : Design, Supply Material, Application & Inspection
Material : TAM CoalTar Epoxy 369
Structure : Splash Zone Jetty Pile

