

군용 도료 전문 브랜드

MIL-X COATING

Special Military Coating

Juyoung Industrial Company Profile



군용 도료 전문 브랜드

MIL-X COATING

주영산업주식회사

JUYOUNG INDUSTRIAL CO.,LTD.

TEL. +82-55-386-1901~2

FAX. +82-55-386-1864

WEB. www.milxcoating.com

HEAD QUARTER

경상남도 양산시 유산공단11길 36
36, Yusanongdan 11-gil, Yangsan-city,
Gyeongsangnam-do, Korea.

Amry

육군

MILITARY CAMOUFLAGE COATING, CHEMICAL AGENT RESISTANCE COATING



NATIONAL(KOREA) DEFENSE STANDARD
/ KDS 8010-1047, MIL-C-46168



FEATURES

JINTHANE CARC TOP 832는 2액형 폴리우레탄 위장용 코팅제입니다. 주-야간 위장 성능과 근적외선 파장대역 위장 성능이 뛰어나며, 화학작용제 저항성을 비롯한 각종 환경 내성이 우수합니다. 본 코팅제는 화력, 통신, 기동, 공병 장비를 포함한 전투 및 지원 장비, 그리고 특수 무기에 사용 됩니다.

JINTHANE CARC TOP 832 is a two-component polyurethane camouflage coating. It provides superior day/night camouflage and near-infrared wavelength range camouflage performance, while offering excellent resistance to chemical agents and environmental factors. The coating is used on combat and support equipment, including firepower, communication, mobility, and engineering equipment, as well as special weapons.

PRODUCT INFORMATION

System	Related Specifications	Type	Composition	Usage
PRIMER	DOD-P-15328	Wash primer	2K	It is used for pretreatment primer on galvanized (zinc-coated) substates, magnesium, aluminum, metals, and most nonferrous metallic substrates
PRIMER	MIL-DTL-53030	Waterborne Epoxy primer	2K	- Water based, air-drying, anti-corrosion coating - Heavy metal free type primer for pretreated ferrous and nonferrous metals
PRIMER	MIL-PRF-23377	Epoxy primer	2K	- Excellent adhesion to ferrous and nonferrous metals - Heavy metal epoxy anti-corrosion coating
PRIMER	MIL-DTL-53022	Epoxy primer	2K	- Quick-drying epoxy anti-corrosion coating - Heavy metal free type military equipment coating
INTER-MEDIATE	MIL-PRF-24667	Epoxy intermediate	2K	- High solid Non-skid coating - Excellent Anti-slip, abrasion resistance and impact resistance
TOP	MIL-C-46168 KDS-8010-1047	Urethane top	2K	- CARC(Chemical Agent Resistance Coating) - Excellent D52 resistance and camouflage for infraced rader - Same as U.S. defense standard MIL-C-46168
TOP	MIL-DTL-64159	Water Dispersible Urethane TOP	2K	- Water dispersible CARC(Chemical Agent Resistance Coating) - Excellent decontaminants Resistance and camouflage for infrared radiation
TOP	MIL-PRF-85285	Urethane TOP	2K	- Excellent adhesion and weatherability - Urethane top coating for interior of armored vehicles, tanks, Self-Propelled Artillery, etc.

* The above product meets the physical property standards specified in MIL-SPEC specifications.(상기제품은 MIL-SPEC 규격의 물성 기준을 대응하는 제품임)
* Not QPD certified. Not QPL registered product (QPD 미인증/QPL 미등록제품)

NAVY

해군

ANTI-FOULING COATING



NATIONAL(KOREA) DEFENSE STANDARD
/ SPS KPIC 3015-1220



FEATURES

JINPRO SPC A/F 시리즈는 국제해사기구(IMO) 규정을 준수하는 방오도료로서 우수한 자기 마모성과 평활성을 특징으로 합니다. 유기주석계 방오제가 포함되어 있지 않아 환경 친화적이며, 해양생물의 선체 부착을 효과적으로 방지하면서 선체를 장기간 보호합니다. 항해 중에는 도막이 균일하게 마모되면서 표면이 매끄럽게 유지되어 선체의 마찰을 줄이고 연료 효율을 향상시킵니다.

The JINPRO SPC A/F series is an antifouling paint that complies with International Maritime Organization (IMO) regulations and features excellent self-polishing and smoothness properties. Free from organotin-based antifouling agents, it is environmentally friendly and effectively prevents marine life attachment while protecting the hull for extended periods. During navigation, the coating wears evenly and maintains a smooth surface, reducing hull friction and improving fuel efficiency.

PRODUCT INFORMATION

System	Related Specifications	Type	Composition	Usage
PRIMER	SPS KPIC 1006-1271	Vinyl primer	1K	• Coatings for ships, steel structures, offshore structures, etc
PRIMER	SPS KPIC 3011-1221	Coal tar free epoxy primer	2K	• Coatings for ships, steel structures, offshore structures, tanks, etc
PRIMER	SPS KPIC 3013-1222	Coal tar free vinyl modified epoxy primer	2K	• Tie-coat for ships, steel structures, offshore structures, etc
PRIMER	SPS KPIC 1011-1733	Elastomer Polyurethane	2K	• Coatings for ship decks, super structure floor, etc
INTER-MEDIATE	SPS KPIC 1004-1269	Vinyl acrylic top	1K	• Coatings for ships, steel structures, etc
TOP	SPS KPIC 3015-1220	Tin free Self-polishing antifouling	1K	• Ship bottom for antifouling
INTER-MEDIATE	MIL-PRF-24667	Epoxy intermediate	2K	• High solid Non-skid coating • Excellent Anti-slip, abrasion resistance and impact resistance

* The above product meets the physical property standards specified in MIL-SPEC specifications. (상기제품은 MIL-SPEC 규격의 물성 기준을 대응하는 제품임)

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AIR-FORCE

공군

AIRCRAFT COATING



NATIONAL(KOREA) DEFENSE STANDARD
/ KDS 8010-1004, MIL-PRF-85285



FEATURES

JINTHANE TOP 837은 2액형 폴리우레탄 상도 도료로, 우수한 광택과 내유성, 내마모성, 내약품성, 부착성 및 내구성을 갖추고 있습니다. 항공장비의 내부와 외부 상도 도장에 모두 사용되며, 극한 환경에서 운용되는 항공기 기체를 탁월하게 보호합니다. 또한 뛰어난 내구성과 광택 유지력으로 장비의 수명을 연장하고 장기간 깨끗한 외관을 유지합니다.

JINTHANE TOP 837 is a two-component polyurethane topcoat paint featuring excellent gloss, oil resistance, wear resistance, chemical resistance, adhesion, and durability. It serves as both an interior and exterior topcoat for aviation equipment. The paint provides exceptional protection for aircraft bodies in extreme environments, while its superior durability and gloss retention extend equipment lifespan and maintain a pristine appearance long-term.

PRODUCT INFORMATION

System	Related Specifications	Type	Composition	Usage
PRIMER	DOD-P-15328	Wash primer	2K	• It is used for pretreatment primer on galvanized (zinc-coated) substrates, magnesium, aluminum, metals, and most nonferrous metallic substrates
PRIMER	MIL-DTL-53030	Waterborne Epoxy primer	2K	• Water based, air-drying, anti-corrosion coating • Heavy metal free type primer for pretreated ferrous and nonferrous metals
PRIMER	MIL-PRF-23377	Epoxy primer	2K	• Excellent adhesion to ferrous and nonferrous metals • Heavy metal epoxy anti-corrosion coating
PRIMER	MIL-DTL-53022	Epoxy primer	2K	• Quick-drying epoxy anti-corrosion coating • Heavy metal free type military equipment coating
INTER-MEDIATE	MIL-PRF-24667	Epoxy intermediate	2K	• High solid Non-skid coating • Excellent Anti-slip, abrasion resistance and impact resistance
TOP	MIL-C-46168 KDS-8010-1047	Urethane top	2K	• CARC(Chemical Agent Resistance Coating) • Excellent D52 resistance and camouflage for infrared rader • Same as U.S. defense standard MIL-C-46168
TOP	MIL-DTL-64159	Water Dispersible Urethane TOP	2K	• Water dispersible CARC(Chemical Agent Resistance Coating) • Excellent decontaminants Resistance and camouflage for infrared radiation
TOP	MIL-PRF-85285 KDS-8010-1004	Urethane TOP	2K	• Excellent adhesion and weatherability • Urethane top coating for interior of armored vehicles, tanks, Self-Propelled Artillery, etc.

* The above product meets the physical property standards specified in MIL-SPEC specifications.(상기제품은 MIL-SPEC 규격의 물성 기준을 대응하는 제품임)
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CARC-X

CARC-X 제품의 우수성 Excellence of CARC-X

국내 최초의 친환경 수성 화학작용제 저항성 위장용 코팅제
Korea's first eco-friendly water-based chemical agent resistant camouflage coating

Application



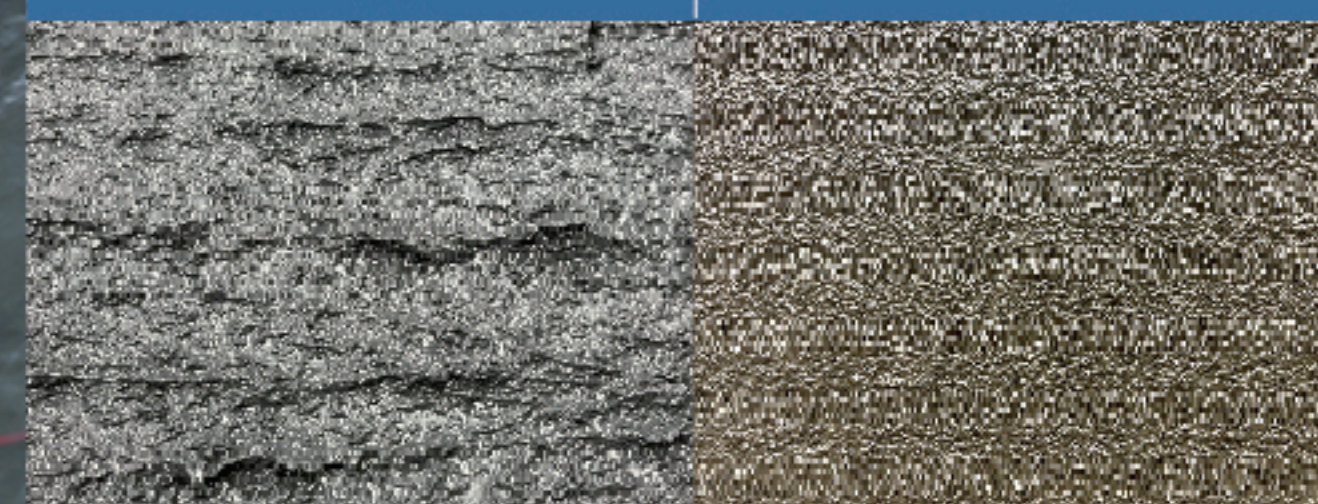
Skid-X

Skid-X 제품의 우수성 Excellence of Skid-X

국내 최초로 마찰계수성능 및 어레스팅 케이블 내마모성능이 검증된 미끄럼방지 도료
Korea's first non-skid coating with verified friction coefficient performance and arresting cable wear resistance

TYPE I, II, III

TYPE II, IV



Features

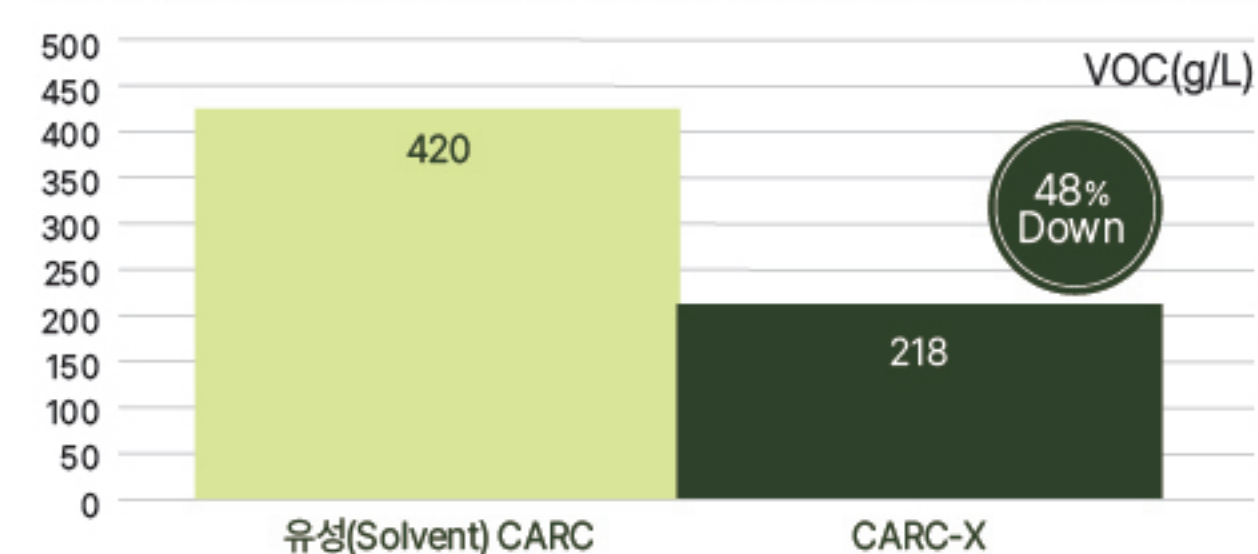
- 친환경 수성 제품
● Eco-friendly waterborne product

- 우수한 근적외선 파장대역 위장성능
● Superior near-infrared wavelength range camouflage performance

- 화학 작용제 저항성
● Chemical agent resistance

- 낮은 휘발성 유기화합물 배출량
● Low volatile organic compound emissions

- 개선된 스프레이 작업성
● Improved spray workability



Product Information

SYSTEM	RELATED SPECIFICATIONS	COMPOSITION	USAGE
TOP	MIL-DTL-64159	2K	● CARC (Chemical Agent Resistant Coating) ● Camouflage for near-infrared wavelength range ● For military tactical maneuvers, etc.

* The above product meets the physical property standards specified in MIL-SPEC specifications.(상기제품은 MIL-SPEC 규격의 물성 기준을 대응하는 제품임)

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Features

- 우수한 미끄럼 방지 성능
● Excellent non-skid performance

- 강력한 내마모성
● Powerful wear resistance

- 우수한 내크랙성
● Excellent crack resistance

- 낮은 휘발성 유기화합물 배출량
● Low volatile organic compound emissions

- 우수한 범용성 및 적용성
● Excellent versatility and applicability



Product Information

SYSTEM	RELATED SPECIFICATIONS	COMPOSITION	USAGE
INTER- MEDIATE	MIL-PRF-24667	2K	● For ship decks (TYPE I, II, III) ● For military tactical maneuver equipment, heavy vehicle passageways, super structure floor, etc. (TYPE II, IV)

* The above product meets the physical property standards specified in MIL-SPEC specifications.(상기제품은 MIL-SPEC 규격의 물성 기준을 대응하는 제품임)

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Durea-X2

Durea-X2 제품의 우수성 Excellence of Durea-X2

국내 최초로 바이오 탄소(14C)가 포함된 친환경 도비탄
방탄 폴리우레아 코팅제
Korea's first eco-friendly polyurea coating for ricochet protection
containing bio-carbon (14C)

Application - 전술차량 방탄 코팅



Features



- 우수한 도비탄 방탄 성능
- Excellent ricochet resistance performance



- 우수한 내스크래치성, 내충격성 및 내마모성
- Excellent scratch resistance, impact resistance, and wear resistance



- 우수한 친환경성(바이오 탄소(14C) 27% 포함)
- Excellent eco-friendliness (contains 27% bio-carbon (14C))



- 탁월한 방수성, 내구성 및 내화학성
- Excellent waterproofing, durability, and chemical resistance



- 휘발성 유기화합물 배출량 Zero
- Zero volatile organic compound emissions



Product Information

SYSTEM	RELATED SPECIFICATIONS	COMPOSITION	USAGE
INTER-MEDIATE or TOP	Mil-PRF-32440 KS F 4922	2K	● For bulletproof finishing coat for bulletproof vests ● For coating to the torsion bars of mobile combat equipment such as armored vehicles, self-propelled artillery, and military trucks, and using as a bedliner in military transport trucks ● For waterproof coating of rooftops, roofs, and parking lots

* The above product meets the physical property standards specified in MIL-SPEC specifications. (상기제품은 MIL-SPEC 규격의 물성 기준을 대응하는 제품임)

* Not QPD certified. Not QPL registered product (QPD 미인증/QPL 미등록제품)

Company History

- 1999** 07 주영상사 창업
- 2000** 12 주영산업(주) 상호변경
- 2002** 03 HEMPEL과 제조협력 계약
12 ISO 9001 인증
- 2005** 09 본사 이전(유산공장)
12 양산시 선정 모범기업
- 2007** 09 KS M 6020 유성도료 인증
12 Shopprimer DNV 승인 획득
- 2008** 09 실리콘 폴리에스테르 수지 FDA 승인
04 기업부설연구소 설립 인증
11 기술 혁신형 INNOBIZ 인증, 벤처기업 인증
- 2009** 01 DNV PSPC 공장 인증
11 ISO 14000 인증 획득
- 2010** 10 ABS, KR RINA PSPC 공장 인증
- 2011** 04 특허출원 : 콘크리트 구조물 보강용 모르타르
05 KS M 6080(노면표지용도료) 인증 획득
- 2012** 10 특허출원 : 크롬도금표면에 도포되는
1회 도장용 2액형 은페도료 조성물
- 2013** 10 KR 방오도료 형식 승인 획득
- 2014** 10 양산시 우수중소기업인상 수상
- 2015** 03 경상남도 우수중소기업인상 수상
03 KS M 6010 수성페인트 인증
03 특허출원 : 크롬도금 코팅 도료 조성물
및 도장방법
- 2016** 05 경남중소기업청장 우수중소기업인상 수상
- 2017** 04 미끄럼 방지 포장재 단체 표준 인증
- 2018** 10 노루페인트 제조협력계약
- 2015** 11 양산시 우수중소기업인상 수상
12 VALSPAR 제조협력계약
- 2019** 03 중소벤처기업부 장관상 수상
12 산업통상자원부 장관상 수상
- 2020** 03 양산시 고용우수기업 선정
- 2021** 02 K-BIZ중소기업 중앙회 표창장 수상
12 양산시 고용창출 우수기업 인증
10 경상남도 청년친화기업 인증
- 2022** 03 특허출원 : 바이오매스원료 이용
친환경 폴리우레아 도료제조방법
04 KS인증 : 폴리우레아수지 도막방수재 KSF4922
07 국방부 우수상품품 시범사용 선정(Skid-X, CARC-X)
- 2023** 12 International Paint Korea (IPK) 제조협력계약
- 2024** 10 국방부 우수상품품 시범사용 선정 (Durea-X)
- 2025** 01 성능인증 : 바이오매스 유래 원료가 포함된
친환경 폴리우레아수지 도막 방수재
03 Sherwin-Williams 판매권 계약
05 군용도료 전문 브랜드 MIL-X COATING 런칭

