

COVENT

coating agent

SERIES

3200CP / MT-1

FOR METAL SURFACE PROTECTION



Room 310 of 3D Printing Venture Cluster Knowledge Industry Center, 79-10, Techno saneop-ro 55beon-gil, Nam-gu, Ulsan, Republic of Korea
Tel. 052-700-0125 | Fax. 052-700-3606 | Email. mtg@mtgkorea.kr





MTG Co., Ltd. is a company that researches, develops, and manufactures industrial and chemical products. We develop sealants for welding replacement, structural adhesives, and coatings for metal protection, applying them in ships and industrial sites.

We are continuously considering improvements in the field and aim to research and develop products that meet our customers' needs, prioritizing cost reduction and safety.

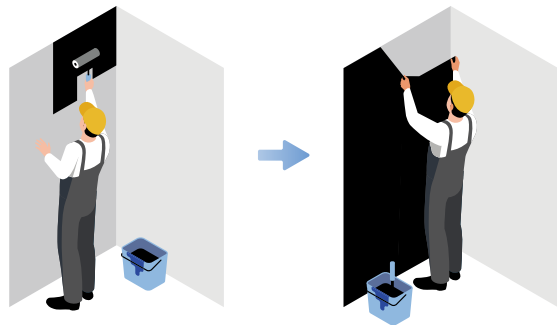
MTG Co., Ltd. is a company that provides safe and successful solutions through collaboration and innovation with its customers.

We aim to grow together as a reliable partner based on continuous research and trust.



COVENT Series

- » The COVENT Series is a **long-term anti-corrosion rubber coating** developed for surface protection, offering **excellent adhesion to surfaces and easy peelability after curing**.
- » To prevent rust from forming on metal surfaces, a coating liquid is applied, and the coating film can be easily removed when necessary.



COVENT 3200CP
(High viscosity)

COVENT MT-1
(Low viscosity)

Main Purpose

- Shipbuilding materials (ferrous, non-ferrous metals, alloys, etc.), railway, aviation, automobile, electrical/electronic industries, industrial products, household products, and other products requiring surface protection.
- Used for peeling after surface protection of metals (ferrous, non-ferrous, alloys, etc.), plastics, glass, fiberglass, stone, rubber, wood, etc.
- Anti-corrosion and protective treatment for post-processing.

General characteristics and performance

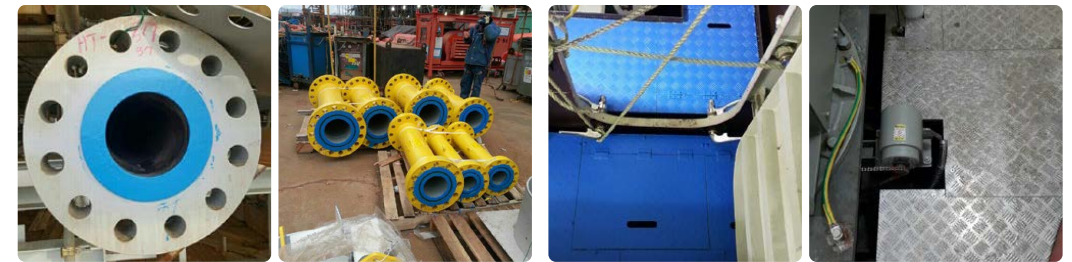
- Appearance** The basic colors are BLUE and GRAY, and various colors are available depending on the order quantity.
- Main components** Quick-drying special rubber
- Water Resistance and Corrosion Resistance** 3 years or more



Comparison of Peelable Coating for Substrate Protection with Other Coatings

Division	COVENT Series	Commercially available general rubber coating
Peelability	☑ Falls without tearing and maintains elasticity	☒ Does not peel at all and is fully adhesive.
Rust prevention	☑ Excellent corrosion resistance against seawater and sea breeze	☒ Melts when exposed to seawater or sunlight for extended periods.
Curing speed	☑ 3 minutes after application	☒ 15 minutes after application
Adhesion	☑ Excellent Peelability and Adhesive Strength	☒ Excellent Adhesion but no Peeling Properties
Flame retardancy	☑ Does not easily ignite in welding sparks.	☒ Cracks caused by welding sparks

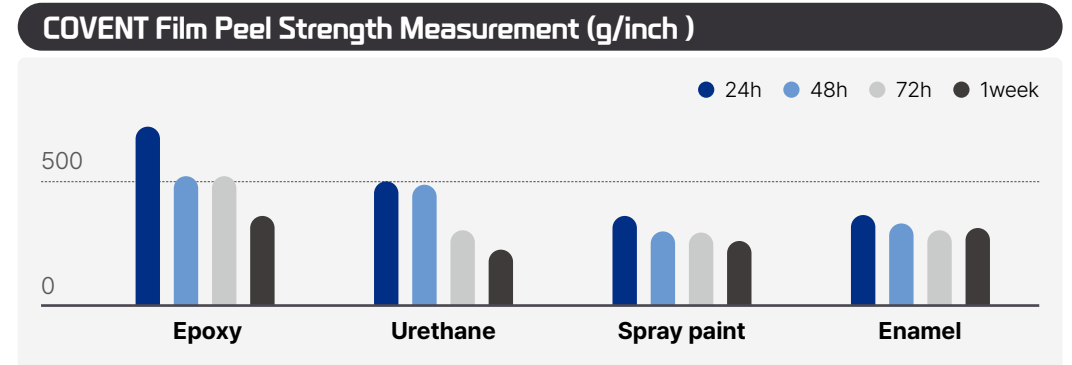
Field application example



Corrosion Prevention

Plate Protection

Performance Testing



Peeling force measurement results after 24 hours: Epoxy > Urethane > Enamel > Spray paint.

Experiment Result

Evaluation Criteria	Unit	Product Performance	Evaluation method
Salt Water Resistance	Hr	400	KS D 9502:2020
Peel Strength	Peeling Area %	100	ASTM D3359-22
Touch Dry	Min	3	KS M 5000 : 2019
Hardness	A	81	ASTM D2240-15
Flame Retardancy	Vertical Combustion	V-0	UL94 : 2013
Tensile Strength Reduction Rate	%	5	ASTM D573- 04(2019)