

COATWEL SEAL211

Marine Weld Replacement Sealant



DNV Certificate



ABS Certificate



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MTG Co., Ltd. is a company dedicated to researching, developing, and manufacturing industrial goods and chemical products for the shipbuilding and industrial sectors. We have developed welding replacement sealants, structural adhesives, and metal protective coatings, among others, and have applied them to ships and industrial sites.

We continuously strive to improve on-site efficiency, prioritizing cost reduction and safety. Our goal is to research and develop products that meet our customers' demands by considering their requirements in an ever-evolving industrial landscape.

MTG aims to deliver safe and effective solutions through collaboration with customers and innovation. We aspire to grow together as a reliable partner through continuous research and mutual trust.

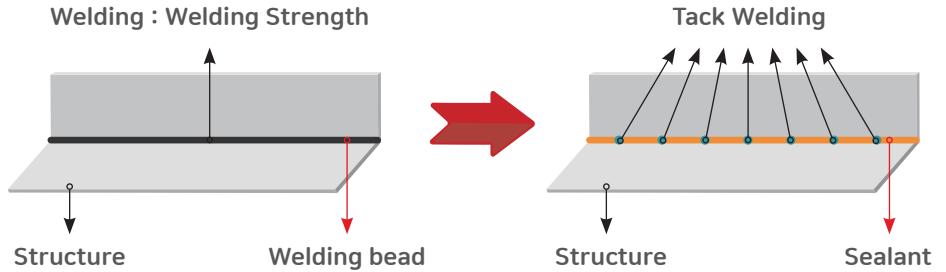
PRODUCTS

Metal Protective Coatings

Adhesives Sealant

Sealants with superior performance compared to overseas products!

COATWEL SEAL211



I Solving Welding Problems

Task difficulty	Safety accident risk	Protective equipment	Task difficulty	Safety accident risk	Protective equipment
Difficulty (Needs professional technicians)	Fire, Risk of asphyxiation	Heat-resistant safety shoes, Protective clothing, Safety gloves, Shading safety glasses, Etc.	Easy	None	Hard hats, Safety glasses
WELDING					
Sheet metal deformation	Maintenance task difficulty	Greenhouse gas emissions	Sheet metal deformation	Maintenance task difficulty	Greenhouse gas emissions
The thinner the plate, the more	Difficulty	Lots (400L per 10m)	None	Easy	Almost none

I Characteristics

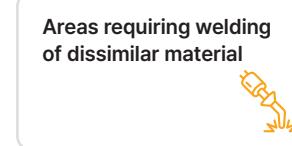
- One-component best adhesive strength.
- Moisture curing type.
- Excellent post-workability by fast curing method.
- Flexibility against continuous vibration, which is characteristic of ships.
- No primer required.
- Does not contain phthalate-based plasticizers and solvents.
- Can be applied on urethane and epoxy based paint.
- Excellent sealing performance. (watertightness, airtightness)

PROPERTY	COATWEL SEAL 211
Packaging and Curing Methods	Cartridge type (Moisture Curing)
Color	Gray
Specific Gravity	1.40
Dry to Touch Time	Within 20 minutes
Tensile Strength	5.1 MPa
Lap Shear Strength	6.4 MPa

PROPERTY	COATWEL SEAL211
Neutral Salt Spray Test	600 hours (salty5%), No problem
Enhanced weather resistance	3.5 MPa (QUV, 500h)
Paint adhesion strength	5.2 MPa
Workable temperature	0°C ~ 40°C
Adapted temperature after curing	-60°C ~ 120°C
RoHS 10 Test	NOT DETECTED



I Purpose



Areas requiring welding of dissimilar material



Areas requiring sealing

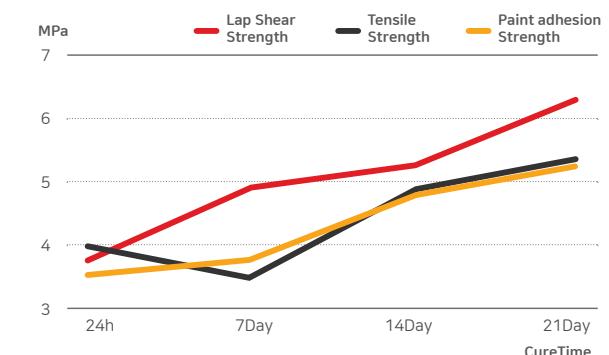


Locations needing dustproof, splash-resistant, and waterproof features

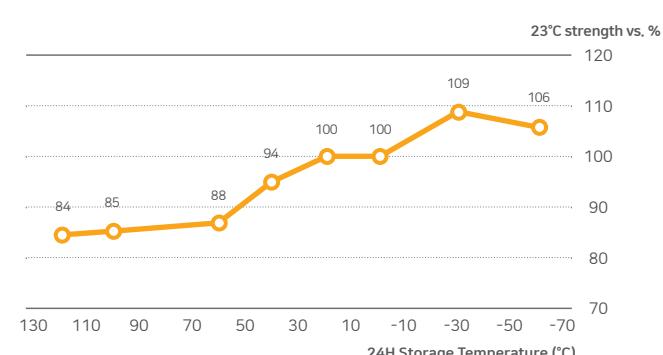


Areas requiring high-strength adhesion

I Variation of Adhesive Strength by Drying Time



I Changes in Adhesive Strength with Temperature



I Application Area

