

**ADHESIVE EPOXY
MORTAR SYSTEM**



ADEM[®]

Adhesive epoxy mortar system

JV POLYMERS
innovative coating

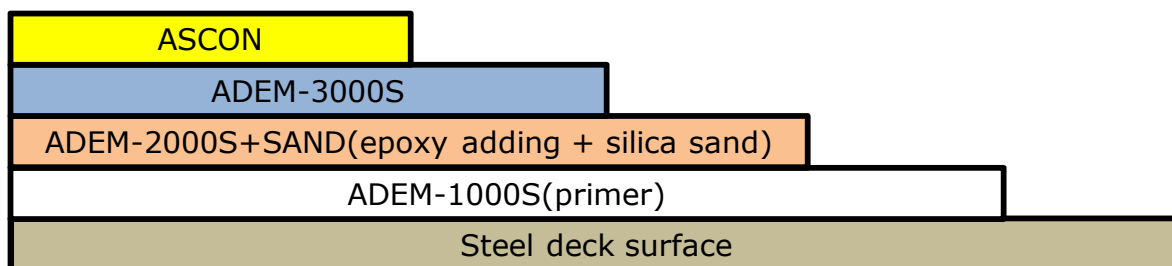
PRODUCT FEATURES

- Prevent ASCON(Asphalt Concrete) from being forced off even under high temperature by increasing adhesion between steel and asphalt
- Excellent corrosion preventive function for steel caused by moisture and calcium carbonate
- Superior adhesive property, heat resistance, cold resistance, flexibility and the toughness of coating

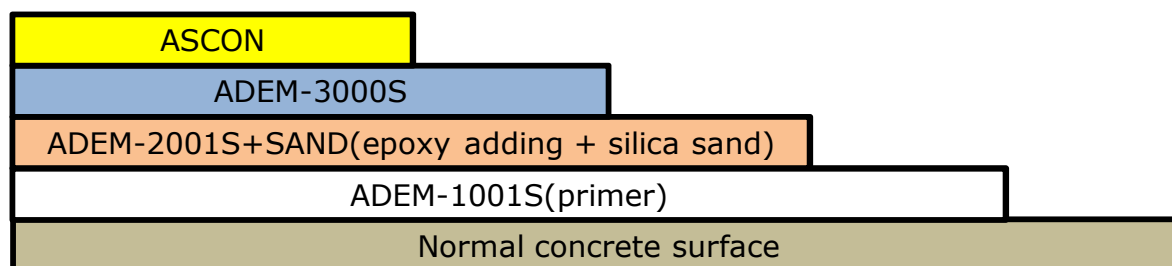
USAGE

- Used for adhesion reinforcement between steel plate deck(Metal), asphalt, and ASCON, and for anticorrosion and waterproofing of steel plate
- Used for steel plate deck construction of steel bridges

*Steel deck surface



*Normal concrete surface



HARDENING REQUIREMENTS

- Tack-free : over 4hrs at 25°C
- Fixation : over 8hrs at 25°C
- Perfection : over 7 days at 25°C

STORAGE REQUIREMENTS

- Store in room temperature(25°C±5°C)
- Prohibit exposure to moisture and direct light

COVERAGE

- PRIMER(1000S, 1001S) : 0.2-0.3kg/sqm
- MORTAR(2000S, 2001S) : 1.3-1.5kg/sqm(1mm thickness)+silica sand(3-5mm thickness)
- TOP COAT(3000S) : 0.2-0.3kg/sqm

TEST DATA

Item	Base	Hardener
Color	Natural color	Light lemon yellow
Viscosity 25°C(cps)	13,000±2,000	100±10
Specific gravity	1.60±0.05	1.05±0.05
Pot time(min)	20°C 40 minutes or lesser	
Theoretical spreading rate	1.2 M ² /L/750µm	
Flash point(°C)	32	
Flexibility	Excellent	
Mixing ratio	100(Base):25(Hardener)	

SHELF LIFE

- 1 year from manufacturing date with proper storage condition

Customer Service

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Technical Service

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