

Protective Coatings

Tipo di impiego

Banchine portuali, canali di scorrimento, opere off shore, zona sommersa di riser e sealines

Solidi in volume

- 100%

C.O.V.

- 0 g/l

Peso specifico

- kg/l 1,60 ± 0,05

Spessore tipico

- µm 3000 secco (min. 2000)
- µm 3000 umido (min. 2000)

Resa teorica

- m²/l 0.33

Consumo teorico

- g/m² 4800

Codice prodotto base

- 7081550

Codice indurente

- 701449

Diluizione

- -

Rapporto di miscelazione

- In peso 50 : 50
- In volume 1 : 1,1

Pot-life a 20°C

- h 1

Aspetto

- Semilucido

Recommended use

Harbor quays, channels, off shore structures, underwater area of riser and sealines

Solidi by volume

- 100%

V.O.C.

- 0g/l

Specific gravity

- kg/l 1,60 ± 0,05

Film thickness

- µm 3000 dry (min. 2000)
- µm 3000 wet (min. 2000)

Theoretical coverage

- m²/l 0.33

Theoretical consumption

- g/m² 4800

Base product code

- 7081550

Hardener code

- 701449

Thinner code

- -

Mixing ratio

- By weight 50 : 50
- By volume 1 : 1,1

Pot-life at 20°C

- h 1

Aspect

- Semiglossy

Caratteristiche meccaniche

- Resistenza a compressione 25 N/mm²
- Resistenza a flessotrazione 12 N/mm²
- Adesione all'acciaio sabbiato 1.8 N/mm²
- Adesione al calcestruzzo (ASTM D 4541) 3.0 N/mm²
- Modulo elastico 523 N/mm²

Resistenza alla temperatura

- 60°C in immersione (continua)
- Operatività 0°C – 80°C

Durata in magazzino

- 36 mesi (T. max 40°C)

Condizioni di applicazione

- Temperatura dell'acqua: + 2°C ÷ 30°C
 - Altezza dell'onda: 50 cm max (*)
- (*) non applicare in presenza di correnti superiori a 0,8 nodi ed in presenza di onda corta.

Tempo di indurimento in acqua

Temperatura	Fuori tatto (h)	Profondità (gg)
• 25°C	10 – 12	7

Consigliato per cicli in:

- Immersione in acqua dolce e marina

Mechanical properties

- Compressive strength 25 N/mm²
- Tensile strength 12 N/mm²
- Adhesion on sandblasted steel 1.8 N/mm²
- Adhesion on concrete (ASTM D 4541) 3.0 N/mm²
- Tensile modulus 523 N/mm²

Service temperature

- 60°C in immersion (continuous)
- Operation temp.: 0°C – 80°C

Shelf life

- 36 months (T. max. 40°C)

Application conditions

- Water temperature: + 2°C ÷ 30°C
 - Wave height: 50 cm max (*)
- (*) don't apply with sea current >0,8 Knots and when wave is shor

Hardening time in water

Temperature	Touch dry (h)	Hard dry (gg)
	10 – 12	7

Suitable for:

- Immersion in sea and fresh water

Works

CLIENT	LOCATION	PROJECT
SHELL	Vado Ligure	Protective coating of signalling buoys
FINA	Fiumicino (Italy)	Tidal and splash zone protection
AGIP MIN.	Venice (Italy)	Tidal and splash zone protection
CHEVRON	Savona (Italy)	Protective coating of mooring buoys
MONTEDISON	Ciro Marina (Italy)	Protective coating of mooring buoys
API	Falconara (Italy)	Protective coating of mooring buoys
ELF	Adriatic Sea (Italy)	Platform maintenance and protection
MONTUfil	Abukir (Egypt)	Platforms tidal zone protection
MANTELLI	Taranto (Italy)	Structures tidal zone protection
MICOPERI	Lamezia T. (Italy)	Jetty's tidal and splash zone protection
SNAM	Worldwide	Sealine maintenance and protection
RANA	Naoc (Nigeria)	Platforms tidal zone protection
GENECO	Ras Ghareb (Egypt)	Jacket tidal and splash zone protection
SCOGAT	Tunisi (Tunisia)	Structures tidal zone protection
AGIR	Congo	Structures tidal zone protection
MUNRO	Scotland	Petroleum industry coating
BERGRORR	Germany – Bahrain	Jetty's tidal and splash zone protection
T.O.O.C.	Iran	Platforms tidal zone protection
SNAM	Italy	Gas pipeline protection coating
BERAUD	Nigeria	Jacket tidal and splash zone protection
MANNESMAN	Germany	Transmediterranean gas line coating
PETROPERU	Peru	Splash and tidal zone protection
AGIR N.A.M.E.	Libia	Tanks internal protection coating