

## Corro Egy Tank Coating SF

4050

### Technical Data

#### Description:

Two component solvent free polyamine cured modified epoxy coating.

#### Main Advantage:

- **Corro Egy Tank coating SF** for potable water, crude oil, internal lining with fiberglass sheet and aliphatic petroleum products
- Can be applied by single feed airless spray equipment.
- High corrosion and chemicals resistance.
- Eliminates explosion risk and fire hazard.
- Suitable as a topcoat in solvent free systems, concrete sewage systems.

#### Basic Data properties: at 20° C.

Color	: Cream and light colors.
Gloss	: Gloss.
Flash point	: Base and hardener above 65° C
Product density	: 1.2 g/cm <sup>3</sup> approx.
Volume Solids %	: 100 %.
Recommended dry film thickness	: 300 - 400 um.
Theoretical spreading rate	: 3.3 m <sup>2</sup> / L ( 300 um D.F.T ). : 2.5 m <sup>2</sup> / L ( 400 um D.F.T ).
Touch dry	: 7 hours at 20° C.
Over coating interval	: Min: 24 hours at 20° C. : Max: 25 days at 20° C.
Full curing time	: 7 days at 20° C.
Shelf life	: One year at Optimum storage conditions.

TEL/FAX : +2 02 26392604

MOB : +2 01016042932

Email : [info@corrocoategypt.com](mailto:info@corrocoategypt.com)

Head Office: 17A- Abdel Wahab Khalifa St. - off Abdel Aziz Fahmy St. - Heliopolis, Cairo.

Factory : New Indust. Zone Bany Swaif Governorate.

[www.corrocoategypt.com](http://www.corrocoategypt.com)



**CORROCOAT**  
**EGYPT**  
home of engineering coating

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### Substrate Condition:

For immersion exposure:

- Steel blast cleaned to ISO Sa 2.5.
- Blasting profile; 50 – 100 micron.
- Concrete : blast cleaned to remove any dirt and loose properties.

### Use Instruction:

- the substrate temperature should be above 5° C and at least 3° C above dew point. At temperature below 10° C the max. R.H is 50 %.
- The temperature of the mixture should be above 20° C.

**Mixing ratio:** base to hardener (15.8 : 4.2 by volume )

**Induction Time:** no induction time.

**Pot life:** 1 hour at 20° C.

### Application Method & recommended solvent & cleaning solvent:

Item	Airless Spray	Air Spray	Brush/Roller
Thinner required	---	---	---
Solvent Volume	---	---	---
Flash Point	Base and hardener > 65	---	Base and hardener > 65
Nozzle Orifice	0.43 – 0.58 mm	---	---
Nozzle Pressure	200-250 atm	---	---
Cleaning thinner	Corro Egy Cleaning	Corro Egy Cleaning	Corro Egy Cleaning
Flash Point	30° C	30° C	30° C

**Recommended Paint system: Onshore and Offshore.**

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