

Corro Egy Fluorocoatings.

Waterborne Teflon Nonstick Coatings.

9060 P

9061 T

Corro Egy 9060 (primer)

Corro Egy 9061 (Top Coat)

Description

Smooth feeling, excellent non-stick property and chemical resistance superior surface effects, it will be suitable for people who is more likely to stew and boil, Corro Egy has a higher interpretation about lifestyle.

Coating specification of Corro Egy fluorocoatings.

		9060 (primer)	9061 (top Coat)
Preparation		Sandblasting (46~80) rpm	
Thinning	Spraying	Distilled water	Distilled water
Standard film thickness (Dry)		10-15um	10-15um
Passes to coating		1 pass/time	1 pass/time
Standard quantity used		160g/m ² /times	140g/m ² /times
Pre-drying		80~100°C*10min cool at room temperature	80~100°C*10min
Drying		---	380°C*20min

Application Guide of Corro Egy 9060P&9061T coatings.

Application & Function	A	B	C	D
Electric iron, hair pin	●			
Baking pan, cake mold		●		
Electric cooker			●	
Pot & pan in aluminum				●

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CORROCOAT
EGYPT
home of engineering coating

Application Condition

Pre-treatment of borne metal (Aluminum)

9060 P

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- ☞ **Degreasing** at high-temperature, then wash with 1%~3% NaOH solution (60°C) for more than 6 minutes, dry it after water rinsing.
- ☞ **Blast** with 80#~120# sand to make the surface roughness reach 2.0μ~3.0μ, considering to sandblast evenly.
- ☞ **Wash** with 1%~3% NaOH solution (60°C) for more than 6 minutes, rinse with water.
- ☞ **Wash** with 1%~3% hydrochloric acid solution (60°C) for more than 6 minutes, rinse with water and dry.

Pre-treatment of coatings

- ☞ **Dispersion of coating:** the coating must be fully dispersed before application. Rolling the coating at the speed of 30rpm with rolling machine for 30mins, shouldn't exceed 60mins.
- ☞ **Viscosity adjustment:** the viscosity could be adjusted according to different spray methods. Dilute with pure water if the viscosity is over high.
- ☞ **Coating filtration:** filtrate the coating with screen (100mesh) before using.

Application

- ☞ **The spraying conditions:** dry, well-ventilated, without dirt, dedicated spray gun, elevated tank and curing oven were recommended.
- ☞ The air compressor should be degreased, dewatered and equipped with water oil separator before using.
- ☞ Adjust atomization and oil pump capacity of the spraying gun. make sure the unit is clean and flat.
- ☞ Preheat the substrate to 35°C and spray the primer. Dry it at temperature of 120°C ~ 180°C for 10min-15min.
Keep the thickness of primer within 15μm - 20μm.
- ☞ Spray top coating after the primer is dry and cool down to room temperature, dry the unit at the temperature of 150°C ~ 200°C for 10min, and increase the temperature to 400°C ~ 410°C gradually, keep for 10 min ~ 15min. Keep the thickness of top coat within 15μm ~ 20μm. The total thickness of final coating film should be between 30μm ~ 40μm.

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- ⚡ In spraying process, keep stirring inside of the elevated tank, the size of spraying nozzle should be between 1.3mm ~ 1.5mm, the pressure is about 2.5 - 4 bar.
- ⚡ The oven (or the tunnel drier) must be well ventilated. otherwise, it will lead to color changing of coating.

Storage & Handing

Corro Egy Waterborne Teflon nonstick coatings must be stored at the temperature between 10°C-30°C, with the shelf life for 6 months. Freezing is prohibited in winter. Transportation or storage at the temperature above 40°C is forbidden.

Roll the coating once a week at the speed of 30rpm for 15min-30min.

The storage place should be well-ventilated and dry.

Keep it away from direct sun exposure, the source of ignition and heat.

Package

Corro Egy Waterborne Teflon nonstick coatings is packaged in 1kg, 5kg and 20kg plastic barrel.

Precautions

Before Application, please read the Materials Safety Data Sheet carefully.

You could find them from **www.corrocoategypt.com**, Or **contact us +20 1016042932** or our local service center.

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