

Corro Egy Fluorocoatings. Waterborne Teflon Nonstick Coatings operation manual.

9060 P

9061 T

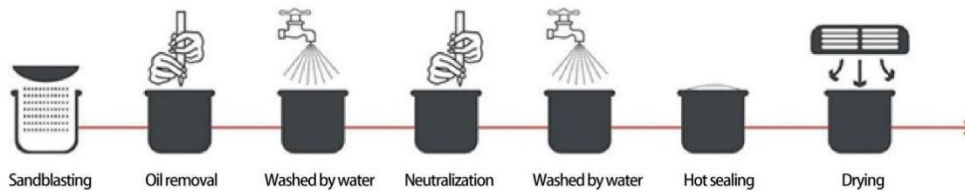
Processing Steps:

1. Material.
2. Degreasing.
3. Sandblasting 46~80 rpm.
4. washing.

Sand that sticks to the surface after sanding, dust is completely removed with alcohol or air.

THE PRE-TREATMENT PROCESS FOR ALUMINUM PRODUCTS

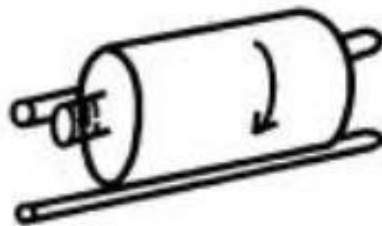
Aluminum products have to go through the following pre-treatment process before being sprayed.



Primer, topcoat dispersion

- Before use, Coating temperature must reach 15°C or more.
- the dispersion must be fully dispersed.
- Do not use the precipitate at the bottom.

Fig. 1 shows a method of dispersing a paint, and the roll machine is rotated at a rotational speed of 30 to 50 rpm for about 20 minutes for dispersion.



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Primer Application

- The paint was filtered through a 100 mesh to 150 mesh stainless steel mesh.
- Apply primer with 15um with a special gun, and the base oil is dry.
- substrate temperature must be reach 180°C-200°C for 10-15 minutes.
- Application conditions: spray gun diameter 1.5mm, air pressure 0.2Mpa (2 bar).

Topcoat Application

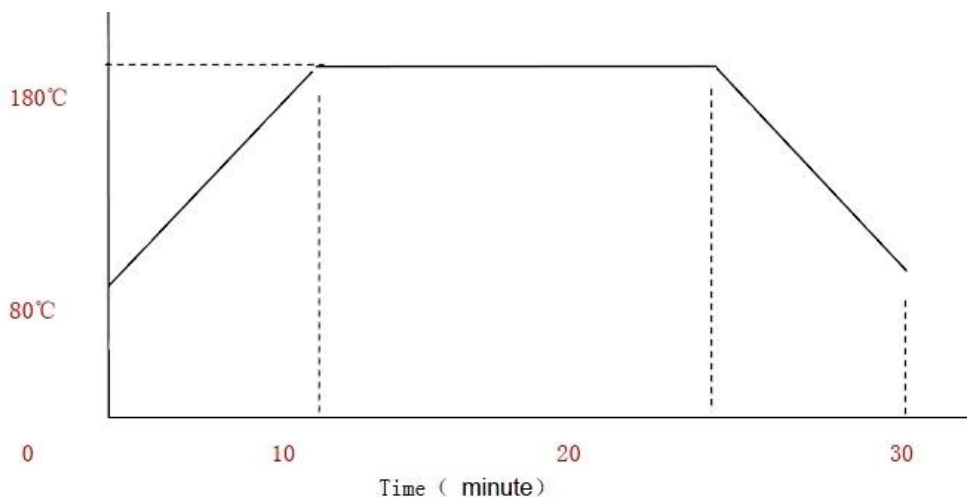
- The paint was filtered through a 100 mesh to 150 mesh stainless steel mesh.
- Apply Topcoat with 10-15um with a special gun, and the base oil is dry.
- substrate temperature must be reach 400°C for 10-15 minutes.
- Application conditions: spray gun diameter 1.0mm, air pressure 0.2Mpa (2 bar).

Coating cooling

Naturally cooled or air cooled with a blower.

Primer Dry

1. Dry at 180°C for 20 minutes.
2. Dry engineering drawing (temperature and time).



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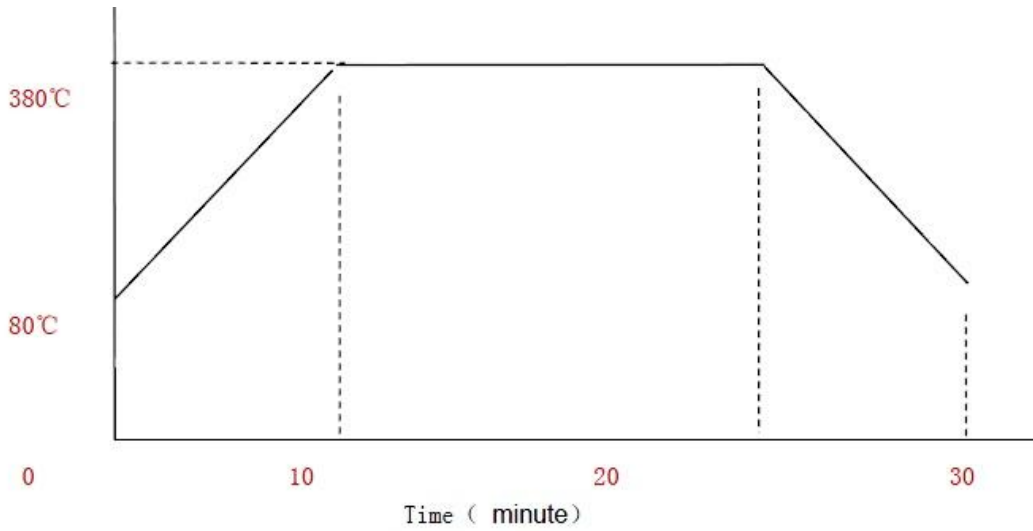

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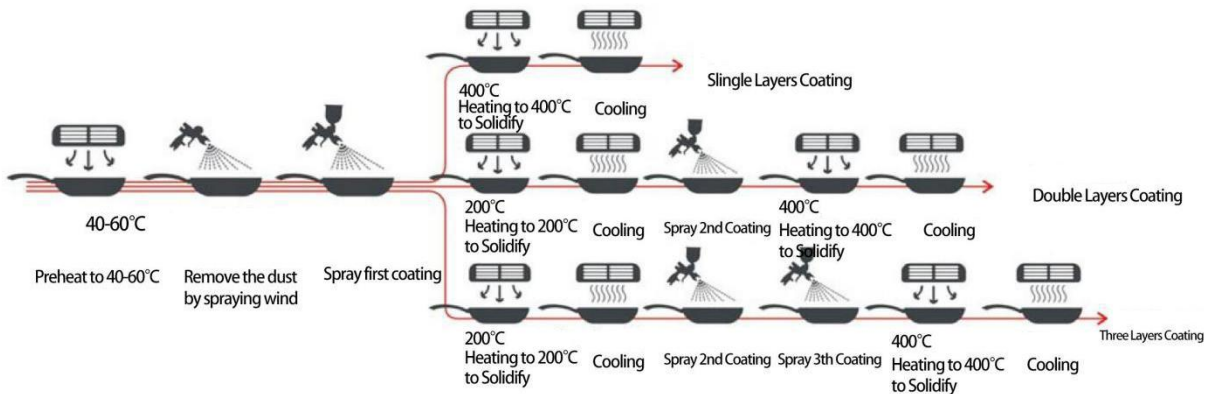
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Topcoat Dry

1. Dry at 380°C for 20 minutes.
2. Dry engineering drawing (temperature and time).



Spraying process for waterborne Teflon non stick coatings



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Application conditions

- Must use a special spray gun when spraying the paint.
- After spraying the water-based paint of other companies, spray the paint, it must be Washed with water for 3~4 times due to the composition of the coatings of the company and other companies may be different and may cause conflicts.
- the spray gun sprayed with oily paint cannot spray the company's products.
- Spotting occurs because it may cause poor adhesion.
- Remove the moisture in the air tank at any time to prevent the water from appearing in the compressed air when using the spray gun.
- properly manage the spray gun, and install the moisture filter near the spray gun.
- Spray gun caliber: 1.0~1.5mm.
- Air pressure: 0.2Mpa (2bar).
- Spraying distance: 15~25cm.

Other considerations

- When the temperature of the object to be sprayed is too low or the water is too much, the adhesion of the paint may decrease. Therefore, before spraying, take measures to preheat or remove water.
- When mixing the paint, use a special stick or mixer for the water-based paint, And always clean.
- When the material of the object to be sprayed is changed, the company must be notified beforehand.
- For other inquiries, please consult the sales department or technical department of the company.

Paint storage

- Shelf life of the paint: 6 months from the date of production.
- The storage temperature of the paint: 10~25°C, the storage temperature is too low, the water-soluble paint is frozen, the paint cannot be used; if the storage temperature is too high, the service life of the paint may be reduced.
- If you store for more than one month, roll or shake for 30 minutes every 15 days.
- Never add other substances to the paint. If you use paints with other ingredients, if there is any problem, the company will not be responsible.

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