



SHUNDE DEFFOLON NON-STICK COATING CO., LTD

Coating Models and Construction Specifications of Deffolon Non-stick Coating Co., Ltd.

Base coat		Top coat	
Category	Water-based PTFE non-stick coating	Category	: Water-based PTFE non-stick coating
Color	: Black	Color	: Silver black
Type	: DF71156 base coat /	Type	: DF71156 top coat /
Solid content	: 35±2	Solid content	: 40±2
Coating weight	: 12 m ² (film thickness: 10 microns)	Coating weight	: 14 m ² (film thickness: 10 microns)
Proportion	: It is generally unnecessary to dilute.	Proportion	: It is generally unnecessary to dilute.
Pretreatment	: Sand blasting, dedusting and degreasing	Pretreatment	: Unnecessary
Spraying	: 10~30min Minute	Spraying	: 10~30min Minute
Filter screen	: 150~200 Mesh	Filter screen	: 100~150 Mesh
Spray gun caliber	: 1.1~1.5 mm	Spray gun caliber	: 1.1~1.5 mm
Spraying air pressure	: 2~4 kg/cm ²	Spraying air	: 2~4 kg/cm ²
Spraying distance	: 15~30 cm	Spraying distance	: 15~30 cm
Spraying viscosity	: 40~60 Second (NK-2 cup x 25°C)	Spraying viscosity	: 20~40 Second (NK-2 cup x 25°C)
Low-temperature baking	: 100~150°C X 5 minute	Low-temperature baking	: 100~120°C X 5 minute
High-temperature baking	: N/A	High-temperature	: 380~400 °C x 10 Minute

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Coating film thickness : 10~20 μm

Coating film thickness : 10~15 μm

Precautions :

1. Water-based coatings are not allowed to get in contact with oil-based substances and solvents and cannot be used together with the tools and equipment stuck with oil-based coatings.
2. Water-based coatings shall be stirred fully and uniformly before use and can be sprayed only after ensuring that they do not sink to the bottom. But the continuous spraying time shall not exceed 2 hours so as to avoid the coating caking.
3. The drastic stirring speed shall be absolutely avoided so as to avoid the coating caking, such as a handheld dispersing machine.
4. If the base coat is not baked thoroughly, the coating will turn yellow, the glossiness will become lower and even the perforation and bubbling phenomenon will occur. But if the base coat is overbaked, the interlayer adhesion will decrease.
5. The coating shall be filtered before spraying. Especially, the top coat easily crusts, sinks to the bottom and gelatinize during the storage in the bucket. If it is not filtered, the spray gun will be easily blocked during spraying.
6. It is forbidden to mix different types of coatings. Different types of coatings of different manufacturers or the same manufacturer may be incompatible.
7. The coating storage temperature is 1~40°C, and the static storage period is 6 months. If the coating is not used for a long time, it is suggested that the coating should be sprayed once every two months.

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