

Technical Data Sheet

AHA TXP801

Pre-mixed material for clear-top powder coating with snowflake effect

Description

AHA TXP801 is pre-mixed material for formulating clear-top powder coating with snowflake effect. The finished coating powder formulated by this pre-mixed material is very easy to spray on any pigmented primers (powder or liquid paint) and then baking this color plus clear-top dual coatings to form consistent snowflake pattern.

Photo with typical snowflake pattern



Advantages

- Clear and consistent pattern
- Snowflakes with good reproducibility
- Remarkable decorative effect
- Excellent exterior durable, UVB data>300Hrs (ISO 11507)
- High film hardness & anti-scratch, >3H

Operating instruction

Color primer coating

Any colored coating powder and/or stoving varnishes may be sprayed on appropriate metal and/or glass substrates as long as they could withstand to standard heat cure cycle, then baking to form semi to fully cured primer layer. The color tones are required to have high color strength contrast to white snowflakes, such as black, blue and red etc. The film thickness should be controlled within 30-50 μ m, the thinner, the better.

Notice:

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Clear-top powder coating

Warning! firstly all set of equipments must be cleaned up completely!

Grinding and sieving to form finished clear coating powder, 120 mesh sieves.

Application

Spraying the clear powder coating on colored primer to form a color plus clear-top dual coating system and cure at 200°C/15min.

The film thickness of clear-top powder coating should be at least 100µm, preferably 140-200µm. The thicker film of clear-top coating powder, the larger snowflake pattern.

Notice

Any ready and fresh clear-top coating powder composed of pre-mixed material AHA TXP801 should be used up as quick as possible.

This fresh clear-top coating powder must be kept in frozen conditions during storage and transportation, therefore cold supply chain is fatal.

Any ready clear-top coating powder is required to re-check the performance after a period of storage.

Clear-top coating properties

Adhesion, cross hatch (ISO2409)	0 grade
Impacts, Dir/Res. (GB)	30/nil
Flexibility, Mandrel (ISO1519)	<3mm
Pencil Hardness (ISO15184)	3H

Storage

Store in temperature between 2 and 35°C or cool dry place. Keep package closed after using. When stored in cool (<25°C), dry conditions –12 months.

Health & Safety

Avoid contact with eyes and skin. Avoid breathing dust. Wash after handling.

For further information, please refer to the SDS

Package

Cardboard box with 2-layer plastic bags: 20 ± 0.2 kgs

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