

M series Basecoat toners

FOR PROFESSIONAL USE ONLY

Description

M series solventborne basecoat provides excellent coverage, metallic arrangement and sprayability property. M series basecoat must be used in conjunction with onwings clear coat.



100 M series basecoat 60-80 Thinner



Use Donglai measuring stick



Spray gun set-up: Application pressure: 1.2-1.5 mm 1.7-2.2 bar at the air inlet



2 ~ 3 coats Apply 2~3 single coats (15~20 μm)



Between coats Before clear coat application 3-5 minutes at $20 \, \text{°C}$ 15-20 minutes at $20 \, \text{°C}$

Thinner selection according temperature Flash-off time depending on oven type



Clear coat application See clear coat TDS



Use suitable respiratory protection onwings recommends the use of a fresh air supply respirator.



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Suitable substrates

Existing OEM finishes
All other current onwings preparatory products-surfacers

Product and additives

Product name

M Series solventborne basecoat toners

Thinners

A736 Slow dry Thinner; repairs at 25-35 $^{\circ}$ C A734 standard Thinner; repairs at 15-25 $^{\circ}$ C A732 Fast dry Thinner; repairs at 5-15 $^{\circ}$ C

Basic raw materials

M Series Basecoat toners: Acrylic resins Thinner: Physical drying solvents

Viscosity



16 - 18 seconds – DIN Cup 4 at 20 $^{\circ}$ C

Spray gun set-up / application pressure



Spray gun set-up 1.2-1.5 mm

Application pressure 1.7-2.2 bar at the air inlet



Surface cleaning, remove any surface contamination prior to the application

Mixing



Mixing Machine

Stir M series Toners on mixing machine every 12 hours for 15 minutes



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Stir before use



Stir product thoroughly before mixing.

Pot-life

6 months at 20 ℃

Film thickness

By using the recommended application: $15 - 20 \mu m$.

Cleaning of equipment

onwings Solvents

Product storage

Product shelf-life is 2 years when products are stored unopened at 20 °C. Avoid extreme temperature fluctuation.