

BASECOAT

SYROX WATERBORNE BASECOAT

SYROX™



DESCRIPTION:

The Syrox Basecoat is part of the compact Syrox refinish system. The waterborne formulation is new European technology. That means easy, familiar application methods and great results. The specially-designed bottles only need to be shaken by hand before use, and with their special dosing lids and level indicator window, refinishers can use every last drop of material. Using Syrox Basecoat and its colour tools gives no-nonsense, accurate colour matching, while the colour database provides Syrox users with access to over 70,000 colour formulas.

FEATURES:

- 2.5 COAT WET-ON-DRY APPLICATION.
- READY TO USE, SIMPLE MIXING RATIO FOR ALL COLOURS.
- PRECISE DOSING.
- EASY BLENDING, VERY LITTLE OVERSPRAY.
- GOOD VERTICAL STABILITY.

PRODUCTS:

- S100-S940 WATERBORNE BASECOAT



SYROX REFINISH SYSTEM

CLEARCOAT:

- S5000 HS TOP CLEAR
- S5100 AIR DRY CLEAR SCRATCH RESISTANT

BASECOAT:

- S100-S940 WATERBORNE BASECOAT

UNDERCOATS:

- S1000 UNIVERSAL POLYESTER PUTTY
- S3020 SANDING SURFACER LIGHT GREY
- S3060 SANDING SURFACER DARK GREY
- S2000 1K WASH PRIMER
- S2500 PLASTIC ADHESION PROMOTOR



For professional use only!

TECHNICAL DATA SHEET

SYROX WATERBORNE BASECOAT



SUBSTRATE



SUITABLE SUBSTRATES:

- Original or old finish, fully cured, well maintained and sanded.
- Surfaces coated with a primer surfacer or surfacer.

SUITABLE PRIMING MATERIALS:

- Depends on the object and on the substrate, in accordance with our system recommendation



SUBSTRATE PREPARATION:

- Thoroughly clean original or old finish and surfacer. Sand dry with random orbital sander and dust extraction: P500 – P600 grade, or wet with P800 - P1000 grade.
- Before further treatment, clean once more with Syrox S9000 Hydro Cleaner.

PRODUCT MIX



Ensure bottles are thoroughly shaken before mixing colour



20 % S940 Basecoat thinner. (for all color formulae)



1 week / 20°C



Stored material should be stirred well before use.

APPLICATION



Compliant, HVLP*
Spray nozzle: 1.2 - 1.3 mm
Spray pressure: 1.8 bar inlet pressure / HVLP: max 0.7 atomisation pressure.
*See manufacturer's instructions



Single coats until opacity is obtained
Recommended film thickness: 10 - 25 µm



Intermediate flash-off: until matt
Final flash-off: until matt

VOC compliant, conform with directive 2004/42/EC. 2004/42/IIB(d)(420)420. The EU limit value for this product (product category IIB.d) in ready to use form is max. 420 g/litre of VOC. The VOC content of this product in ready to use form is max. 420 g/l.

TECHNICAL REMARKS



- After flash-off of the final coat, a drop/effect coat should be applied if desired at a reduced inlet pressure of 1.0-1.5 bar to provide optimum effect and color position - using a slightly increased distance to the object
- allow a short flash-off of the drop/effect coat before overcoating with 2K Clear coat



- Frost-free! Preferred storage temperature +15°C to +25°C.
Optimum storage temperature approx. +20°C.
Short-term storage (a few days) at +5°C to +35°C is possible.

- For under bonnet and interiors, Syrox Basecoat can be activated with S6100 Syrox Basecoat Activator at 6-7%
- Syrox clearcoats S5000, S5100 and S5200 can be applied over activated Syrox basecoat, including exterior exposure.

TECHNICAL DATA SHEET

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BLENDING PROCESS

BLEND IN PROCESS FOR 2-STAGE COLORS (INSIDE OUT METHOD)

STEP 1:

- Apply 1st layer of basecoat
- Flash-off until matt

STEP 2:

- Apply 2nd layer of basecoat
- Flash-off until matt

STEP 3:

- Apply 1 – 2 drop/effect coats at 1.0 - 1.5 bar inlet pressure
 - Flash-off until matt
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BLEND IN PROCESS FOR 3-STAGE COLORS (INSIDE OUT METHOD)

GROUND COLOR

STEP 1:

- Apply 1st layer of ground color
- Flash-off until matt

STEP 2:

- Apply 2nd layer of ground color
- Flash-off until matt

STEP 3:

If necessary – only when adjacent area is masked and/or hiding is not achieved – apply a further light coat(s) of ground color at reduced inlet pressure with 1.0 - 1.5 bar into the adjoining area and flash-off (preferred 5 – 10 min. forced drying at 60 - 65°C)

EFFECT COLOR

STEP 1:

- Apply 1st layer of basecoat over the dried ground color
- Flash-off until matt

STEP 2:

- Apply 2nd layer of basecoat
- Flash-off until matt

STEP 3:

- Apply 1 – 2 drop/effect coats at 1.0 - 1.5 bar inlet pressure
 - Flash-off until matt
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SAFETY



- This product is classified according to regulation (EC) 1272/2008 (CLP).
 - It is strongly recommended to use appropriate personal protection equipment during application.
 - Consult Safety Data Sheet prior to use. Observe the precautionary notices displayed on the container.
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All other products referred to in the paint system build-up are from Syrox®. System properties will not be valid when the related material is used in combination with any other materials or additives not belonging to Syrox®, unless explicitly indicated otherwise.