Standox

VOC-Nonstop-Grundierfüller U7580

VOC Nonstop Primer Surfacer U7580

- **VOC compliant**
- **Direct to metal or plastic application**
- **Excellent anti-corrosion and adhesion properties**
- **Very good application properties**
- **One visit application for wet-on-wet process**
- **Overcoatable with all Standox Basecoats and Topcoats**
- **Short flash-off time**
- **Long potlife**
- **Available in Light Grey and Black**

Technical Description:

- Mix 5:1 with all Standox VOC Hardeners

  or

- Mix 3:1 with all Standox HS Hardeners

- New Standox VOC Plastic Additive U7590 for plastic part application

- Force drying possible

- Air dry overnight / 18-22°C

Standox VOC-Nonstop-Grundierfüller U7580

Substrate:

- Through-hardened sanded paintwork
- Standox Polyester Products, sanded
- Well cleaned and fine or unsanded OEM Primer or EDP.
- Only genuine OEM factory supplied parts in KTL or factory E-coat have the advantage that no sanding is required prior to the application of Standox VOC Nonstop Primer Surfacer U7580.

- Steel, electroplated/roller galvanised steel or soft aluminium, cleaned and sanded
- UP-GF substrates, cleaned and sanded

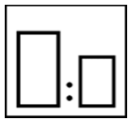
Pretreatment / Cleaning:

For substrate preparation information see Standox Painting System S1.

This product is classified according to regulation (EC) 1272/2008 (CLP).
Please consult the Safety Data Sheet.
It is strongly recommended to use appropriate personal protection equipment during application.

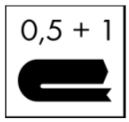
3:1 with
Standox HS Hardeners
20-23% Standox VOC Thinner
16-18 s / DIN 4mm / 20°C
37-45 s / ISO 4 mm / 20°C
If applied in 2 single coats an intermediate flash off time of 5 - 10 min is necessary.
Mixing ratio by weight
- VOC Hardener - 100 : 14 : 20
- HS Hardener - 100 : 20 : 14

Application:
Wet-on-Wet Surfacer on Metal

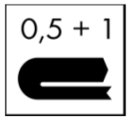


5:1 with all
Standox VOC Hardeners
Potlife 45-90 min / 18-22°C

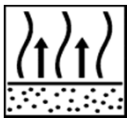
30% Standox VOC Thinner
16-18 s / DIN 4mm / 20°C
37-45 s / ISO 4 mm / 20°C



Compliant 1.3 – 1.4 mm
1.8 - 2.0 bar inlet pressure
1 - 2 = 30 - 50 micron



HVLP 1.3 - 1.4 mm
0.7 bar atomization pressure
1 - 2 = 30 - 50 micron



15 - 20 min / 18-22°C final flash off

Standocryl VOC Topcoat or
Standohyd Plus / Standoblue Basecoat with
Standocryl VOC Clears

Standox VOC-Nonstop-Grundierfüller U7580

Substrate:

- New exterior plastic car parts

Pretreatment / Cleaning:

For substrate preparation information see Standox Painting System S1.

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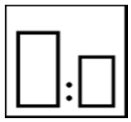
Please consult the Safety Data Sheet.
It is strongly recommended to use appropriate personal protection equipment during application.

3:1 with
Standox HS Hardeners
30% Standox VOC Plastic Additive U7590
18-20 s / DIN 4mm / 20°C
33-37 s / ISO 4 mm / 20°C
If applied in 2 single coats an intermediate flash off time of 5 - 10 min is necessary.

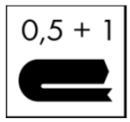
Mixing ratio by weight
- VOC Hardeners: 100 : 14 : 26
- HS Hardeners: 100 : 20 : 20

Application:
Wet-on-Wet Surfacer on Plastics

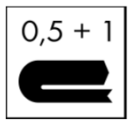


5:1 with all
Standox VOC Hardeners
Potlife 45-90 min / 18-22°C

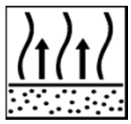
40% Standox VOC Plastic Additive U7590
18-20 s / DIN 4mm / 20°C
45-53 s / ISO 4 mm / 20°C
If needed add 5-10% Standox VOC Thinner



Compliant 1.3 – 1.4 mm
1.8 - 2.0 bar inlet pressure
1 - 2 = 30 - 50 micron



HVLP 1.3 - 1.4 mm
0.7 bar atomization pressure
1 - 2 = 30 - 50 micron



15 - 20 min / 18-22°C final flash off

Standocryl VOC Topcoat elastified or
Standohyd Plus / Standoblue Basecoat with
Standocryl VOC Clears elastified

Standox VOC-Nonstop-Grundierfüller U7580

Substrate:

- OEM paintwork, sanded
- Standox PE Products, sanded
- Well cleaned and fine or unsanded OEM Primer or EDP.
- Only genuine OEM factory supplied parts in KTL or factory E-coat have the advantage that no sanding is required prior to the application of Standox VOC Nonstop Primer Surfacer U7580.

- Steel, electroplated/roller galvanised steel or soft aluminium, cleaned and sanded
- UP-GF substrates, cleaned and sanded

Pretreatment / Cleaning:

For substrate preparation information see Standox Painting System S1.

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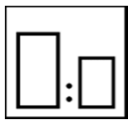
Please consult the Safety Data Sheet.
It is strongly recommended to use appropriate personal protection equipment during application.

3:1 with
Standox HS Hardeners
10-15% Standox VOC Thinner
20-25 s / DIN 4mm / 20°C
53-72 s / ISO 4 mm / 20°C

Mixing ratio by weight
- VOC Hardener - 100 : 14 : 13
- HS Hardener - 100 : 20 : 7

Application: Sanding Surfacer

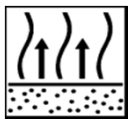


5:1 with all
Standox VOC Hardeners
Potlife 45-90 min / 18-22°C

20% Standox VOC Thinner
20-24 s / DIN 4mm / 20°C
53-72 s / ISO 4 mm / 20°C

Compliant 1.4 - 1.8 mm
1.8 - 2.0 bar inlet pressure
2 - 3 = 60 - 120 micron

HVLP 1.4 - 1.8 mm
0.7 bar atomization pressure
2 - 3 = 60 - 120 micron



5 - 10 min / 18-22°C
intermediate and final flash off

Air dry overnight / 18-22°C or
25-30 min. / 60-65°C panel temperature

2 min 50 %
plus 8 min 100 % power
(see Standox Painting System S10)

P800

P400 - P600
Orbital sander

Standocryl VOC Topcoat or
Standohyd Plus / Standoblue Basecoat with
Standocryl VOC Clears

Standox VOC-Nonstop-Grundierfüller U7580

Flash point:

- 24°C / 75°F

Specific Gravity:

- 1.62 - 1.64 g/cm³

Solid Content

(without thinner added):

- 70.5 - 70.7 Weight %
- 45.9 - 47.0 Volume %

VOC (2004/42/EC):

2004/42/IIB(c)(540)540
The EU limit value for this product (productcategory IIB.c) in ready to use form is max 540 g/l VOC. The VOC content of this product in ready for use form is max. 540 g/l.

Theoretical Coverage:

- Wet-on-Wet:
  16.8 m²/l at 30 micron dry film thickness
- Sanding filler:
  8.4 m²/l at 60 micron dry film thickness

Cleaning of equipment:

Clean after use with Standox Cleaning Thinner.

Important remarks:

- Standox Plasticiser cannot be used with this product.
- Bare metal sand-through areas which needs to be overcoated with Standox Polyester Spray Filler U1100 or Standox Polyester Stopper, the fastest overcoatability can be achieved with Standox HS Hardener 5-15 in mixing ratio 3:1 + 20-23% Standox VOC Thinner. The flash off time before recoating with polyester products must be a minimum of 30 – 40 min. at 20°C .
- The filler can be mixed with max. 10% Standocryl VOC Topcoat. In such case must be preprimed with Standox acid primer. Drying and sanding properties will change.
- Standox VOC Nonstop Primer Surfacer U7580 Black and Light Grey can be mixed with each other to achieve various grey shades if desired.
- Must be overcoated within 8 hours in wet-on-wet-process.

- **For countries without VOC legislation:**
- Standox Basecoat / Standocryl 2K Topcoat / Standocryl 2K Topcoat NEW can be used for overcoating as well.

- Standox 2K Thinners can be used as alternatives for Standox VOC Thinners in the same mixing ratios.
- The filler can be mixed with max. 10% Standocryl 2K Topcoat / Standocryl 2K Topcoat NEW. In such case must be preprimed with Standox acid primer. Drying and sanding properties will change.

2K Paints react with moisture. Therefore all equipment must be kept moisture free. Ready to use paint materials containing isocyanates can cause irritation of the mucous membranes - and of the respiratory organs, in particular - and cause hypersensitive reactions. There is a risk of hypersensitization if the vapour or spray mist is inhaled. When using materials containing isocyanates, all precautions relating to the handling of solvents should be carefully followed. In particular, care should be taken not to inhale spray mist or vapour. Asthma sufferers, those with allergies and anyone with a history of respiratory complaints must not be asked to work with products containing isocyanates.

Axalta Coating Systems Germany GmbH Christbusch 25 42285 Wuppertal Germany