

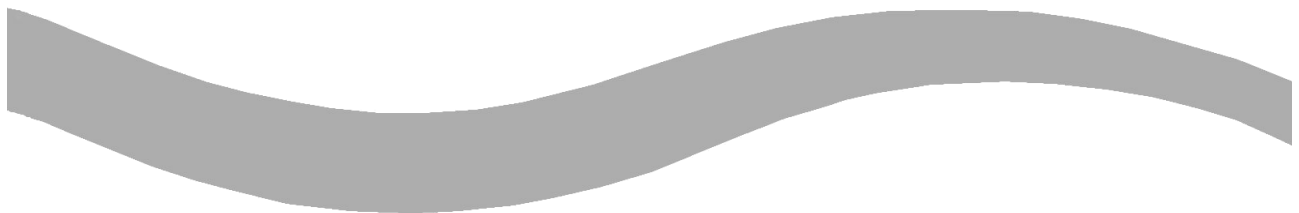


Stadox

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 Stadox Basecoats and Topcoats**
- **Short flash-off time**
- **Long potlife**
- **Available in Light Grey and Black**



Technical Description:

- Mix 5:1 with all
Stadox VOC Hardeners

or

- Mix 3:1 with all
Stadox HS Hardeners
- New Stadox VOC Plastic Additive U7590 for plastic
part application
- Force drying possible
- Air dry overnight / 18-22°C

Stadox VOC-Nonstop-Grundierfüller U7580

Substrate:

- Through-hardened sanded paintwork
- Stadox 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 Stadox 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 Stadox Painting System S1.



Use air fed respirator. Refer to relevant Health and Safety Data Sheets.

3:1 with
Stadox HS Hardeners
20-23% Stadox VOC Thinner
15-16 s / DIN 4mm / 20°C
33-37 s / ISO 4 mm / 20°C

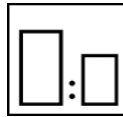
If applied in 2 single coats an intermediate flash off time of 5 - 10 min is necessary.

Mixing ratio by weight

- VOC Hardener - 100 : 14 : 20
- HS Hardener - 100 : 20 : 13-15

Application:

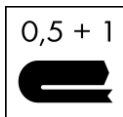
Wet-on-Wet Surfacer on Metal



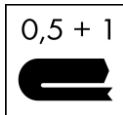
5:1 with all
Stadox VOC Hardeners
Potlife 45 -90 min / 18-22°C



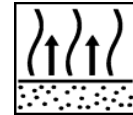
30% Stadox VOC Thinner
16-18 s / DIN 4mm / 20°C
37-45 s / ISO 4 mm / 20°C



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
Standoblue Basecoat with
Standocryl VOC Clears

Stadox VOC-Nonstop-Grundierfüller U7580

Substrate:

- New exterior plastic car parts

Pretreatment / Cleaning:



For substrate preparation information see Stadox Painting System S1.

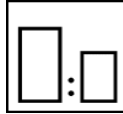


Use air fed respirator. Refer to relevant Health and Safety Data Sheets.

Mixing ratio by weight:
100 : 14 : 26

Application:

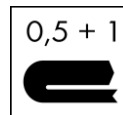
Wet-on-Wet Surfacer on Plastics



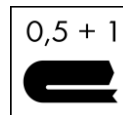
5:1 with all
Stadox VOC Hardeners
Potlife 45-90 min / 18-22°C



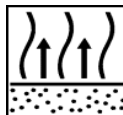
40% Stadox VOC Plastic Additive U7590
18-20 s / DIN 4mm / 20°C
45-53 s / ISO 4 mm / 20°C



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
Standoblue Basecoat with
Standocryl VOC Clears

Stadox VOC-Nonstop-Grundierfüller U7580

Substrate:

- Through-hardened sanded paintwork
- Stadox 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 Stadox 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 Stadox Painting System S1.

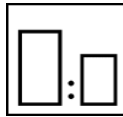


Use air fed respirator. Refer to relevant Health and Safety Data Sheets.

3:1 with
Stadox HS Hardeners
10-15% Stadox 2K Thinner /
Stadox 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 : 7-10

Application: Sanding Surfacer



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



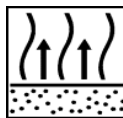
20% Stadox VOC Thinner
20-24 s / DIN 4mm / 20°C
53-72 s / ISO 4 mm / 20°C



Compliant 1.4 - 1.8 mm
1.8 - 2.0 bar inlet pressure
2 - 3 = 60 - 100 micron



HVLP 1.4 - 1.8 mm
0.7 bar atomization pressure
2 - 3 = 60 - 100 micron



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



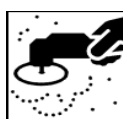
Air dry overnight / 18-22°C or
25-30 min. / 60-65°C panel temperature



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



P800



P400 - P600
Orbital sander



Standocryl VOC Topcoat or
Standoblue Basecoat with
Standocryl VOC Clears

Stadox VOC-Nonstop-Grundierfüller U7580

Flash point:

- 24°C / 75°F

Specific Gravity:

- 1,56 - 1,59 g/cm³

Solid Content

(without thinner added):

- 69.6 - 69.9 Weight %
- 46.9 - 47.5 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 Stadox Cleaning Thinner.

Important remarks:

- Stadox Plasticiser cannot be used with this product.
- Bare metal sand-through areas which needs to be overcoated with Stadox Polyester Spray Filler U1100 or Stadox Polyester Stopper, the fastest overcoatability can be achieved with Stadox HS Hardener 5-15 in mixing ratio 3:1 + 20-23% Stadox VOC Thinner. The flash off time before recoating with polyester products must be a minimum of 30 – 40 min. at 20°C .
- Tinting of Stadox VOC Nonstop Primer Surfacer U7580 with any Topcoat system is not permitted.
- Stadox 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 2 hours in wet-on-wet process.
- In countries without VOC legislation Stadox Basecoat can be used for overcoating as well.
- Stadox 2K Thinners can be used as alternatives for Stadox VOC Thinners in the same mixing ratios.
- When using Stadox VOC Plastic Additive U7590, drying will be accelerated. Use slower hardeners and thinners to adjust speed of drying.

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.

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