



A brand of BASF –
We create chemistry

100-MPT

Multi-purpose tintable function layer

- Application:** 100-MPT is suitable for new original e-coated panels, old paintwork and OEM primed plastic parts in a wet-on-wet process with Glasurit 100 Line. It can be used as interior color system for under bonnet or engine bay finishing. Leftover mixes can be used to help eliminate additional waste.
- Key Features:** Must be tinted with Glasurit 100 Line. Water dilutable, less than 7% organic solvents.
- Remarks:**
- It is possible to tint with 100 Line pure mixing bases, 100 Line mixed color formulas and 100 Line RFU mixed formulas, including Solid and Metallic colors.
 - Glasurit Grey shade concept formulas can be mixed using 100-MPT.
 - The material is thixotropic and cannot be measured with a DIN 4 cup. The spray viscosity is as mixed.
 - Mixtures will keep for up to 3 months when stored in sealed plastic containers.
 - Flash-off times can be reduced significantly by using appropriate air blow equipment.
 - No sanding necessary on new original e-coated panels.
 - Sanding of substrates prior to application of 100-MPT, if necessary, should be done with P320.
 - Parts coated with 100-MPT can be overcoated with 100 Line without intermediate sanding for up to 8 hours.
 - 100-MPT substitutes the sealer and the interior basecoat in the process. It comprises these steps "all in one", thereby accelerating the process .
 - Please refer to the Glasurit Know How module "Glasurit 100-MPT" for further details and information about application processes.



Paint System

Please see Glasurit Know How module "Glasurit 100-MPT"



Mixing Ratio PreMix

- | | |
|----------------|------------------------------|
| 60 % by weight | 100-MPT |
| 40 % by weight | 100 Line Mixed color formula |

Safety advice:

The products are suitable for professional use only.

It cannot be ruled out that this product contains particles < 0.1 µm.

2004/42/IIIB(d)(420)249: 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 is 249 g/litres.

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Mixing Ratio

100 % by weight

PreMix

Stir formula before adding 100-IC 550 and 100-E 5.



Hardener

5 % by weight

100-IC 550



Reducer

50 % by weight

100-E 5

Stir IMMEDIATELY after adding 100-IC 550 and 100-E 5.



Spray viscosity at 20°C

Potlife at 20°C

1 h

Application:



**Compliant gravity-feed
spray gun**



HVLP spray gun

Nozzle pressure

bar

2

Nozzle size

1.3-1.4

Number of spraycoats

1 spray coat on non-sanded e-coat substrates
1 + ½ spray coats wet-on-wet on sanded substrates
1 - 2 spray coats for interior colors

Flash-off at 20°C

min

Until surface is completely mat. Use Venturi system.
Maximum flash-off 8 hours

Film thickness

µm

15-25

Application Remark

The setup depends on the spray gun supplier, please refer to the Glasurit Know How module "BASIC KNOWLEDGE - BODYSHOP EQUIPMENT" for detailed information.



Drying at 60 °C

Interior: 20 min after flash-off (or together with the exterior finish)

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Sanding manual, dry

Dirt nibs can be removed with a fine sanding pad P800 - P1000. After 8 hours flash-off, sanding is needed prior to 100 Line. Orbital sanding with soft interface pad P500 - P600.

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