

100-MPT

Glasurit Multi-purpose tintable function layer - Pure Mixing Bases



A brand of BASF –
We create chemistry

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 hood 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.
- Non-RFU 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 “100-MPT” (knowhow.glasurit.com/us) for further details and information about application processes

VOC ready for use

249 g/l

2.1 lb/gal



Mixing Ratio

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

- 60 parts by weight 100-MPT
- 20 parts by weight 100-M 20 Mixing Clear
- 20 parts by weight 100 Line pure mixing Base
- 5 parts by weight 100-IC 550 Hardener*
- 50 parts by weight 100-E 5 Reducer*

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

Potlife at 68°F / 20°C 1 h

Safety advice:



Materials described are for application by professional trained personnel only using proper equipment. Products may be hazardous and should be used according to label directions and technical data information. Appropriate respiratory protection should be worn at all times while products are in use - read product label and Safety Data Sheet (SDS) for specific details. Statements and methods described are based upon the latest standard of technology known to the manufacturer. Application procedures cited are suggestions only and are not to be interpreted as warranty for events resulting from their use. Dilution ratios are intended to provide maximum performance within the typical Volatile Organic Compound (VOC) restriction for product use. Specific VOC limits need to be referenced to verify local compliance. Altering the solvent or dilution ratio may impact VOC compliance. User is solely responsible to ensure product use and application is in accordance with all applicable regulatory, legislative, and municipal requirements.

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Application:	 Compliant gravity-feed spray gun	 HVLP spray gun
Application pressure	29 psi	
Nozzle size	1.3-1.4 mm	
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 68°F / 20°C	Until surface is completely mat. Use Venturi system. Maximum flash-off 8 hrs.	
Film thickness	0.6-1 mil	
Application remark	The setup depends on the spray gun supplier, please refer to the Glasurit Know how module "100-MPT" for detailed information.	



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, dry

Orbital sanding with soft interface pad P500 - P600.

Please note: For automotive refinish, repair instructions of vehicle manufacturers, in particular regarding installed sensor technology, must always be observed in addition to the processing instructions given within this document

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