

# Technical Data Sheet.



## Permasolid® Elastic Additive 9050

### Field of application

Permacron® Elastic Additive 9050 is a special additive based on highly elastic polyurethane resins.

### Application

It is used in the painting of plastic parts to adjust the elasticity of

### Important notes

Permacron®/Permasolid® 2K Automotive Top Coat

### Data

Permacron®/Permasolid® 2K Clear Coat  
Permacron®/Permasolid® 2K acrylic surfacers

### Storage

Permasolid® Elastic Additive 9050 gives the paint system a lasting high degree of elasticity.

**For professional use only!**



## Field of application



### Elasticizing agent for:

Permacron® Automotive Top Coat Series 257  
Permasolid® HS Automotive Top Coat Series 270  
Permacron®/Permasolid® 2K clear coats  
Permacron®/Permasolid® 2K acrylic surfacers

## Application



### Mixing ratio:

Add 30% Permasolid® Elastic Additive 9050 for all highly flexible or soft types of plastic. The amount of Permasolid® Elastic Additive 9050 added may be reduced to 15% for all semi-hard or hard types of plastic. 30% Permasolid® Elastic Additive 9050 must be added for 2K acrylic surfacers. Not necessary for UP-GF.



The base material must first be mixed with Permasolid® Elastic Additive 9050. Then a suitable Permacron®/Permasolid® hardener is added 2:1 /3:1 by volume (see Technical Data Sheet of the base material).

When Permacron® Automotive Top Coat Series 257 is mixed 3:1 with HS hardener, 15% reducer must be added.

### Note:

Elasticized 2K acrylic surfacers must always be mixed 2:1 by volume.

### Application viscosity:



If necessary, use Permacron® Reducer 3364 or Permacron® MS Dura plus 8580 to adjust the crosslinked mixture to the spray viscosity given in the respective Technical Data Sheet.

## Important notes



1. Mixing Permacron® Vario Surfacers 8590 or Non-Sanding Surfacers MS 5030 with Permasolid® Elastic Additive 9050 immediately triggers a chemical reaction. Add the hardener and apply the mixture immediately after mixing with Permasolid® Elastic Additive 9050. Adding the hardener too late shortens the pot life to an unacceptable degree.
2. To optimize the sanding properties, all elastified 2K surfacers should be dried for 45 minutes at +60°C.
3. Permasolid® Elastic Additive must always be added before mixing with hardener.

## Data



<b>Specific weight:</b>	approx. 1.04 g/cm <sup>3</sup>
<b>Flash point:</b>	above +23°C
<b>Solids content:</b>	approx. 77.0 % by weight approx. 73.0 % by volume
<b>VOC content:</b>	240 g/l

## Storage



<b>Guaranteed shelf life:</b>	6 months in sealed original containers
<b>Storage conditions:</b>	



Close hardener container immediately after use, ensuring an air-tight seal.

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