



PercoTop® Gloss Levels

General information

This documents describes the gloss levels available in the different PercoTop® paint lines. When specific gloss levels are required, this document allows you to choose the correct one for your needs. When a visual impression is preferred or sufficient, please refer to the black and blue chips in your PercoTop® fan deck. Getting a gloss level right not only depends on the right choice of product, but largely also on correct handling, application and drying/curing conditions as well as on the film build.

A few practical recommendations:
Always stir your matting agent, matting binder and ready-mixed colours well before use. The matting agents tend to settle, which will lead to non-uniform gloss levels.

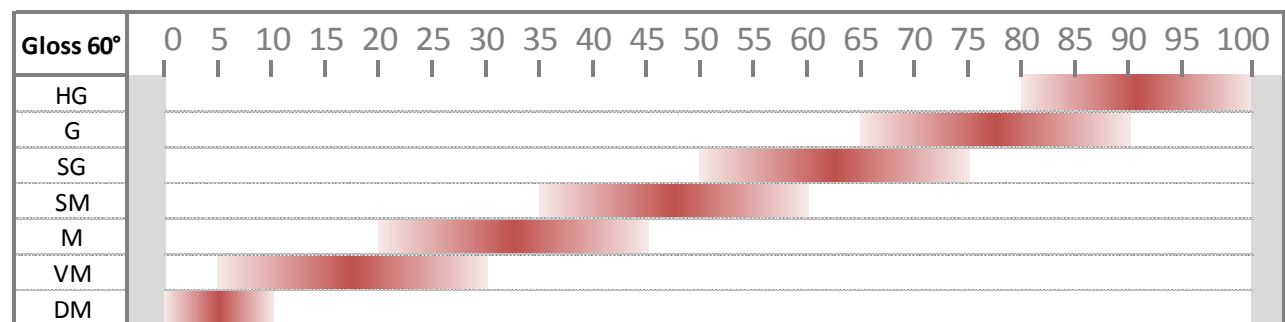
When your result is not what you expected, there are a few things you can do, as many factors can influence the gloss result. A few general trends are shown in the following table:

Factor	Effect on gloss
Slow solvents in thinner/activator	↘↘
More thinner	↘↘
More activator	↗
Higher film build	↘
High temperatures	↗
Air drying → forced drying	↘
Wet application	↘

Gloss levels in PercoTop®

In the PercoTop® systems, several gloss levels are defined, which give the following ranges of gloss values:

Name	Abbreviation
High gloss	HG
Glossy	G
Semi-gloss	SG
Semi-matte	SM
Matte	M
Very matte	VM
Dead matte	DM





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Most gloss levels can be achieved in the most common paint systems. The following table shows which gloss levels are available in which qualities.

	1K Acrylic	449/ 466	477	611/633	617	771	Acryl 100	EP	HS	KH	MIO	NKL	PUR	PUR MATT
HG	✓	✓(1)		✓		✓	✓	✓(2)	✓	✓			✓	
G	✓	✓(1)	✓(1)	✓	✓	✓	✓	✓(2)	✓	✓		✓(2)	✓	
SG	✓	✓(1)		✓		✓	✓	✓(2)	✓	✓		✓(2)	✓	
SM	✓	✓(1)		✓		✓	✓		✓	✓		✓(2)	✓	
M	✓	✓(1)		✓		✓	✓		✓	✓	✓	✓(2)	✓	
VM						✓								
DM						✓								✓

Remarks:

- (1) For PercoTop® 449 and 477, gloss is 10 to 20 units lower in each gloss level. The gloss level of structured topcoats depends strongly upon the structure chosen (cf. TDS) and a measurement on a structured surface does not correspond to the visual impression of gloss. When a medium structure is applied (between chips 18 and 19 in the PercoTop® fan deck), the gloss levels correspond visually to the smooth coats (chips 1-12).
- (2) For PercoTop® EP and NKL, gloss is 5 to 10 units lower in each gloss level.

Information

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