

Matting Standocryl VOC Clearcoats with Standox Special Matt

All following recommendations are for bumpers and refinishing of ancillary parts only. For overall repair and matching OEM refinishing of specific matt finishes, use only Standocryl VOC HS Clear K9520 mixture and refer to painting system S14.

Example:

$$\begin{array}{r}
 \text{Standocryl VOC HS Clear K9520} \quad 410\text{g} \\
 \text{Standex Special Matt} \quad + \quad 590\text{g} \quad +2:1 \text{ Standox HS Hardener} \\
 \hline
 = \underline{\underline{1.000\text{g}}} = \text{Gloss level 40\%}
 \end{array}$$

VOC Clears	Matt approx. 20%	Satin Gloss approx. 40%	Half gloss approx. 60%	Gloss approx. 80%	VOC Hardener	HS Hardener
Standocryl VOC Xtra Clear K9560 Standex Special Matt	290g +710g	360g +640g	430g +570g	560g +440g	4:1 with Standox VOC Hardeners +5% VOC 2K Additive	—
Standocryl VOC Express Clear K9530 Standex Special Matt	290g +710g	350g +650g	420g +580g	590g +410g	4:1 with Standox VOC Hardeners +10% VOC Thinners	—
Standocryl VOC Premium Clear K9540 Standex Special Matt	320g +680g	400g +600g	450g +550g	490g +510g	4:1 with Standox VOC Hardeners +15% VOC Thinners	—
Standocryl VOC Premium Clear K9540 Standex Special Matt	300g +700g	390g +610g	440g +560g	490g +510g	—	2:1 with Standex HS Hardeners
Standocryl VOC HS Clear K9520 Standex Special Matt	320g +680g	410g +590g	460g +540g	480g +520g	4:1 with Standox VOC Hardeners +15% VOC Thinners	—

Standex Matting Table VOC Clearcoat



VOC Clears	Matt approx. 20%	Satin Gloss approx. 40%	Half gloss approx. 60%	Gloss approx. 80%	VOC Hardener	HS Hardener
Standocryl VOC HS Clear K9520 Standex Special Matt	270g +730g	360g +640g	410g +590g	440g +560g	—	2:1 with Standex HS Hardeners
Standocryl VOC 2K Clear K9550 Standex Special Matt	280g +720g	340g +660g	410g +590g	470g +530g	4:1 with Standox VOC Hardeners +5% Standocryl VOC 2K Additive	—
Standocryl VOC Easy Clear K9510 Standex Special Matt	270g +730g	330g +670g	380g +620g	480g +520g	3:1 with Standox VOC Easy Hardeners	—

Influencing gloss level factors:

The use of different hardeners, thinners, methods of application, drying conditions and film thicknesses leads to different gloss levels (up to 20%).

Higher Gloss level

- Hardener with higher solid content
- Faster Hardener
- Faster Thinner
- Higher viscosity
- Higher dry film thickness
- Shorter flash off times
- Forced drying

Lower Gloss level

- Hardener with lower solid content
- Slower Hardener
- Slower Thinner
- Lower viscosity
- Lower dry film thickness
- Longer flash off times
- Air drying