

# TerraGloss®

## UV Coatings

	high gloss coatings	matt coatings silky matt	matt coatings dull matt
<b>UV coatings inline on UV/hybrid inks</b> (sheet-fed offset, coating unit)			
<b>board</b>			
folded boxes, food/pharmaceutical/hygiene	•	•	•
folded boxes, non-food	G 8/251 F NVK G 8/372 F NVK G 8/363 L NVK	G 8/176 L NVK	G 8/177 L NVK
<b>paper</b>			
commercial printing, covers	G 8/363 L NVK G 8/251 L NVK G 8/372 F NVK	G 8/176 L NVK	G 8/177 L NVK
commercial printing, two-sided	G 8/251 L NVK SZ	G 8/176 L NVK	G 8/177 L NVK
label	G 8/251 L NVK	G 8/176 L NVK	G 8/177 L NVK
<b>film</b>			
label, inmould	G 8/136 L NVK	–	G 8/130 L NVK
film	G 8/145 L NVK	G 8/207 L NVK	–
<b>UV coatings inline together with waterbased primer on conventional inks</b> (sheet-fed offset, double coating unit)			
<b>board</b>			
folded boxes, food/pharmaceutical/hygiene	G 8/282 F NVK	G 8/155 silky matt	G 8/155 matt
folded boxes, non-food	G 8/251 F NVK G 8/372 F NVK	G 8/176 L NVK	G 8/177 L NVK
<b>paper</b>			
commercial printing, covers	G 8/251 F NVK G 8/372 F NVK	G 8/176 L NVK	G 8/177 L NVK
commercial printing, two-sided	•	•	•
label	G 8/251 F NVK G 8/372 F NVK	G 8/176 L NVK	G 8/177 L NVK
<b>film</b>			
label, inmould	–	–	–
film	–	–	–
<b>UV coatings inline</b> (sheet-fed offset, ink duct, with damping)			
	G 8/178 D NVK	–	G 8/177 D NVK G 8/382 D NVK
<b>UV coatings offline</b> (varnishing machine; sheet-fed offset, coating unit)			
<b>board</b>			
folded boxes, food/pharmaceutical/hygiene	G 8/282 F NVK	G 8/155 silky matt	G 8/155 matt
folded boxes, non-food	G 8/251 F NVK G 8/372 F NVK G 8/272 F NVK	G 8/176 L NVK	G 8/177 L NVK
<b>paper</b>			
commercial printing, covers	G 8/251 L NVK G 8/363 L NVK	G 8/176 L NVK	G 8/177 L NVK
commercial printing, two-sided	G 8/251 L NVK SZ	G 8/176 L NVK	G 8/177 L NVK
label	G 8/372 F NVK G 8/251 L NVK	G 8/176 L NVK	G 8/177 L NVK
<b>film</b>			
label, inmould	G 8/136 L NVK	–	G 8/130 L NVK
film	G 8/145 L NVK	G 8/207 L NVK	–
<b>UV coatings offline</b> (sheet-fed offset, ink duct, without damping)			
	G 8/303 D NVK G 8/178 D NVK	–	G 8/210 D NVK G 8/177 D NVK

	high gloss coatings	matt coatings silky matt	matt coatings dull matt
<b>UV coatings for flexo printing</b>			
board/paper	G 8/251 F NVK	G 8/176 L NVK	G 8/177 L NVK
film	G 8/145 L NVK	G 8/207 L NVK	–
<b>UV coatings for gravure</b>			
board/paper	•	•	•
<b>UV coatings for web offset</b>			
	G 8/405 F NVK	–	–

<b>Functional coatings for special requirements</b>	coating	characteristics
Low migration UV coatings	G 8/282 F NVK	high gloss, very high reactivity
	G 8/155 silky matt	silky matt, high reactivity
	G 8/155 matt	matt, high reactivity
Glueable/suitable for stamping UV coatings	G 8/272 F VK	high gloss, highest reactivity, low migration
	G 8/251 L VK	high gloss, very high reactivity
	G 8/251 F VK	high gloss, very high reactivity
	G 8/216 F VK	silky matt, high reactivity
	G 8/189 L VK T	especially for media packaging, hotmelt gluing
UV release coatings	G 8/187 R	rub off pre-coating
UV antislip coatings	G 8/200 L VK S	slip angle 25°, application: sacks, antislip effect
	G 8/205 L NVK	slip angle 20°, application: sacks, antislip effect
UV playing card coatings	G 8/251 Release	very slippery, very good fan, stable in hot humid climate
UV spot coatings	G 8/292 NVK	high gloss, very high edge definition, very high reactivity

<b>Waterbased primer</b>		
Waterbased primer for inline UV coating (double coating unit)	G 9/650 Inline	fast drying, one intermediate dryer, low draw back
	G 9/624 Inline	medium drying, two intermediate dryers, low draw back
	G 9/720	slow drying, two intermediate dryers, lowest draw back
	G 9/728	slow drying, two intermediate dryers, low draw back, good adhesion
Waterbased primer for later offline UV coating	G 9/601	fast drying, low tendency to cracking, good adhesion on conventional inks, one-sided and two-sided coating
	G 9/163 T	good adhesion on metallic inks, best adhesion on conventional inks, one-sided coating
	G 9/171	good adhesion, one-sided coating

<b>UV cleaner/additives</b>	
UV cleaner	G 13/160
UV wetting/slip agent	G 13/101
UV defoamer	G 13/108

- = on request
- = not available

- L = Coating unit 40 s–45 s DIN 4 mm
- F = Coating unit/damping unit 60 s–150 s DIN 4 mm
- D = Ink duct 300 s DIN 4 mm
- NVK = not glueable/not suitable for stamping
- VK = glueable/suitable for stamping

These technical information are advisory. They do not release from own tests and own examinations under customized circumstances. Therefore from this fact no demands can be derived. For further information with regard to the listed products please see technical data sheets ([www.actega.com/terra](http://www.actega.com/terra)). The listed coating types, applications and coatings show a selection only out of ACTEGA Terra product range. Due to individual requirements other coatings than listed here can be preferred. Individual problem solutions, eg. for special substrates, with special properties or for new application areas will be developed by our laboratories. Besides the here mentioned products ACTEGA Terra offers a wide range of water based coatings, water and UV based effect coatings and coatings based on renewable resources. Contact us. We are looking forward to consult you.

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