

TerraWet® Waterbased Coatings

	high gloss coatings	gloss coatings	protective coatings	neutral coatings	matt coatings silky matt	matt coatings matt	matt coatings dull matt
sheet-fed offset, coating unit							
board	G 9/285 G 9/666 N2 G 9/791	G 9/209 G 9/378	G 9/147	G 9/117	G 9/111	G 9/72 G 9/56 M	G 9/99 G 9/58
folded boxes							
folded boxes, confectionary	G 9/285 G 9/666 N2 G 9/791	G 9/378 G 9/230	•	•	G 9/111	G 9/72	G 9/50
folded boxes, pharmaceutical	G 9/285 G 9/666 N2 G 9/791	G 9/425 Pharma G 9/250 Pharma	G 9/147	G 9/117	G 9/111	G 9/56 M	G 9/60
folded boxes, cigarettes	G 9/433 W3P G 9/635 B G 9/791	G 9/640 PM G 9/649 JTI G 9/595 CG	•	•	•	G 9/56 M CG	G 9/60
folded boxes, cosmetics	G 9/285 G 9/666 N2 G 9/791	G 9/378 G 9/640	G 9/147	G 9/117	G 9/111	G 9/56 M	G 9/60 G 9/63
PE-coated board (two-sided)	–	G 9/221	–	–	G 9/221 M	•	•
PE-coated board (rearside)	G 9/380	G 9/378 G 9/230 SZ	•	•	G 9/221 M	G 9/56 M	•
metallized/laminated board	G 9/595 HG	G 9/595 W G 9/787	–	–	G 9/221 M G 9/75	G 9/56 M	G 9/58
counter-glued printed products	G 9/380	G 9/378 G 9/640	G 9/147	G 9/117	G 9/111	G 9/56 M	G 9/60
multi-packs/beverage trays	G 9/635 P	G 9/425 G 9/640 P G 9/330	•	•	G 9/111	G 9/56 M	G 9/60
detergent packaging	G 9/380	G 9/477 U G 9/230 SZ	•	•	G 9/111	G 9/56 M	G 9/60
paper	G 9/666 N2 G 9/791	G 9/351 G 9/378	G 9/147	G 9/117	G 9/111	G 9/72	G 9/99 G 9/58 G 9/60
commercial printing, covers							
commercial printing, two-sided	G 9/473 N3 VG G 9/380	G 9/351 G 9/378	G 9/147	G 9/117	G 9/111	G 9/72 G 9/56 M	G 9/99 G 9/58 G 9/60
label, coated paper	G 9/666 N2	G 9/378 G 9/230 SZ	–	–	G 9/111	G 9/56 M	G 9/60 G 9/58
label, cast-coated paper	G 9/595 HG	G 9/595 W G 9/755	–	–	G 9/45	G 9/56 M	•
label, metallized paper	G 9/595 HG	G 9/640 G 9/788	–	–	G 9/75	G 9/56 M	G 9/58
chocolate wrappers/cigarette soft-packs	•	G 9/552 free of ammonia	–	–	•	G 9/52 matt free of ammonia	•
film							
label, in mould	–	G 9/221 Z	–	–	G 9/221 M	–	–
sheet-fed offset, coating module before perfecting							
	–	G 39/220	–	–	G 39/92	G 39/76	G 39/77
sheet-fed offset, ink duct							
	G 15/27 P G 15/37 pasty	–	–	–	G 15/12	–	G 15/40 pasty
flexo printing							
post-print	G 11/222	G 11/148 SZ	–	–	G 11/111	G 11/156	G 11/104
pre-print	G 11/222	G 11/140 G 11/173	–	–	–	–	G 11/104
reel to reel/die cutter	•	G 11/123	–	–	G 11/111	G 11/156	G 11/104
gravure							
	G 10/838	G 10/840	•	•	•	•	•
web offset, coating unit							
	G 14/122	G 14/130	–	–	G 14/108	–	G 14/107

functional coatings for special requirements

	coating	characteristics
certified low migration coatings	G 9/666 N2	very high gloss
	G 9/285	high gloss, fast drying
	G 9/378	glossy, fast drying, high scuff resistance
	G 9/230	glossy, very fast drying, very high wet block resistance, very high scuff resistance
	G 9/595 W	glossy, low tendency to cracking, very suitable for stamping, also for non-absorbent substrates
	G 9/221	glossy, extremely fast drying, also for non-absorbent substrates
	G 9/56 M	matt, low tendency to cracking, also suitable as UV primer
	G 9/111	silky matt, low structure
	G 9/72	matt, low structure
antislip coatings	G 9/99	dull matt, low structure
	G 9/386	glossy, slip angle 25–30° (depending on material), counter-gluing possible
	G 9/240	glossy, slip angle 30–35° (depending on material), counter-gluing possible
	G 9/24	matt, slip angle 30–35° (depending on material), counter-gluing possible
	G 9/537	very high gloss, slip angle 33–37° (depending on material)
	G 11/170 W	flexo printing, glossy, slip angle 30–40° (depending on material)
heat resistant coatings	G 11/130	flexo printing, glossy, slip angle 25–35° (depending on material)
	G 9/305 IMP	glossy, heat resistance 180–200° C, eg. menu trays, microwave packaging, oven packaging, according to BfR XXXVI/2
	G 9/220 B	glossy, heat resistance 180–230° C, suitable for crimping, eg. yoghurt sleeves, round cheese boxes
barrier coatings	G 9/764	glossy, heat resistance 180–230° C, very slippery, eg. rear side of blister cards, round cheese boxes
	G 9/317	barrier against oil, fat and water, eg. baked pastry case trays, direct food contact
barrier coatings	G 9/428	barrier against oil, fat and water, eg. fast food packaging, direct food contact
	G 9/585 K SZ	barrier against water, eg. drinking cups, frozen food packaging, direct food contact
	G 9/350 A	barrier against alcohol (50 %), eg. labels
	G 11/119	flexo printing, barrier against oil, fat and water, eg. fast food packaging, direct food contact
	calander coatings	G 9/159
G 9/199		extremely high gloss, calander temperature 105–115° C
blister coatings	G 9/415	suitable for heat sealing, sealing against PET-A/G, PVC and board
	G 9/423 USV	suitable for heat sealing, sealing board against board with ultrasonic sealing and hot air
	G 9/153	heat seal coating for skin packaging
release coatings	G 9/130 BT	very slippery, eg. as pre-coating for production of lottery scratch tickets
antisealing coatings	G 9/521 C	glossy, high scuff resistance, eg. anti-sealing against acrylic coated films
	G 9/552 C	glossy, free of ammonia, very good sensoric values, eg. anti-sealing against acrylic coated films
primer	G 9/650 Inline	for inline UV coating (double coating unit with one intermediate dryer), low draw back
	G 9/728	for inline UV coating (double coating unit with two intermediate dryers), low draw back, good adhesion
	G 9/720	for inline UV coating (double coating unit with two intermediate dryers), lowest draw back
	G 9/601	for later offline UV coating or foil lamination, fast drying, low tendency to cracking
	G 9/171	for later offline UV coating or foil lamination, good adhesion on slowly drying printing inks
	G 9/521 B	for later bronzing
playing card coatings	G 9/412	very slippery, very high scuff resistance, eg. quartets, trading cards
	G 9/312	very slippery, very good fan, stable in hot humid climate, eg. casino cards
haptic coatings	G 9/70 Gentle Touch	dull matt, special wet feeling, comparable to suede
	G 9/71 Gentle Touch	matt, low structure, wet feeling, comparable to suede
	G 9/50 Soft Touch	dull matt, velvety, comparable to the surface of a peach

cleaner/additives

cleaner	G 12/180
retarder	G 12/111
defoamer	G 12/119
wetting agent	G 12/127
slip agent	G 12/115

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). 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 UV 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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