



# REACTIVE ADHESIVES

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# REACTIVE ADHESIVES

1-Component-reactive adhesives	Base	Product characteristics / special characteristics	Materials to be bonded		Consistency	Pot life*	Handling strength after approx.	Mixing ratio		Shelf life	Packaging**
			generally	additionally				Volume	Mass		
technicoll® 8311	polyurethane (PUR)	multipurpose 1-component PUR / medium viscosity	rigid foams (PS, PUR, PVC) / coated and painted metals / thermosets, e.g. GRP, CRP, SMC / phenoplastics (HPL, DPL) / derived timber products / cement bonded materials / stone, ceramics	gypsum cardboard and gypsum fibre board	medium viscosity	approx. 45 min	-	-	-	2 years	1 kg PE-bottle 20 kg hobbock
technicoll® 8324	polyurethane (PUR)	1-component PUR for sandwich adhesion / high tack on plastics		thermoplastic polymers: ABS, SAN, PA, PVC, PC, PMMA / gypsum cardboard, gypsum fibre Board / sheet metals (aluminium, zinc coated steel, stainless steel)	low viscosity	approx. 60 min	-	-	-	2 years	1 kg PE-bottle 14 kg canister
technicoll® 8344	polyurethane (PUR)	multipurpose, fast curing construction adhesive / pastelike		thermoplastic polymers: ABS, SAN, PA, PVC, PC, PMMA / metal blank / sheet metal (aluminium, zinc coated steel, stainless steel)	paste-like	approx. 15 min	-	-	-	1 year	310 ml cartridge
technicoll® 9700	sealant (MS)	1-component hybrid adhesive / tension compensative / high resistance to temperature, weather, chemicals and ageing	aluminium (blank, anodised) / brass, copper / stainless steel / zinc, zinc coated iron / PVC-u / polyurethane / CRP, GRP / derived timber products / ceramics, bricks, tiles / gypsum, plaster board / stone, natural stone / glass (painted, enameled) / epoxy resins		paste-like	approx. 20 min	-	-	-	9 months	310 ml cartridge
technicoll® 9701	sealant (MS)	1-component hybrid adhesive / transparent / tension compensative / high resistance to temperature, weather, chemicals and ageing			paste-like	approx. 45 min	-	-	-	9 months	310 ml cartridge
technicoll® 9504	cyanoacrylate (CA)	clear, non sagging gel (former trade name: technicoll® 8204-1)	rubber / cellular rubber (EPDM) / plastics (unplasticised) / PE, PP, POM, TPE (incl. primer technicoll® 9605-1) / metals (blank, coated, painted) / ceramics, porcelain	textiles, cork, wood	thixotropic	-	< 2 min	-	-	1 year	20 g tube
technicoll® 9508	cyanoacrylate (CA)	odourless and non-blooming		-	low viscosity	-	< 2 min	-	-	1 year	20 g PE-bottle 500 g PE-bottle
technicoll® 9545	cyanoacrylate (CA)	partly flexible / high resistance to temperature		leather and textiles, porcelain, derived timber products	low viscosity	-	< 2 min	-	-	1 year	20 g PE-bottle 50 g PE-bottle
technicoll® 9554	cyanoacrylate (CA)	medium viscosity / mulitpurpose		-	medium viscosity	-	< 2 min	-	-	1 year	20 g / 50 g PE-bottle 500 g PE-bottle
technicoll® 9556	cyanoacrylate (CA)	low viscosity		-	low viscosity	-	< 2 min	-	-	1 year	20 g / 50 g PE-bottle 500 g PE-bottle
technicoll® 9572	cyanoacrylate (CA)	high temperature resistance up to +150 °C		-	viscous	-	< 4 min	-	-	1 year	20 g PE-bottle 50 g PE-bottle
technicoll® 9827	anaerobic adhesive (acrylate)	thread locking / low-strength / removeable		metals (blank)	-	thixotropic	-	15-30 min	-	-	1 year
technicoll® 9844	anaerobic adhesive (acrylate)	thread locking / middle-strength	-		thixotropic	-	15-30 min	-	-	1 year	35 g dispenser
technicoll® 9862	anaerobic adhesive (acrylate)	thread locking / high-strength	-		thixotropic	-	15-30 min	-	-	1 year	35 g dispenser
technicoll® 9869	anaerobic adhesive (acrylate)	multipurpose pumpgel (4 in 1)	-		thixotropic	-	60-80 min	-	-	1 year	35 g dispenser
<b>2-Component reactive adhesives</b>											
technicoll® 8266/8267	EP	tough and resilient construction adhesive	metals (blank) / ceramics, stone, concrete / thermosets like GRP, CRP, SMC / phenoplastics (HPL, DPL) / derived timber products	-	paste-like	70 min	12 h	100:100	100:85	5 years	70 g / 60 g tube 1 kg / 850 g can
technicoll® 9461	EP	viscoplastic / viscous / for large areas to be bonded		-	viscous	70 min	8 h	100:100	100:80	1.5 years	50 ml cartridge 400 ml cartridge
technicoll® 9462	EP	flowable, short pot life / very high initial strength		-	viscous	6 min	15 min	100:100	100:100	1 year	50 ml cartridge 200 ml cartridge
technicoll® 9464	EP	black / paste-like / very good resistance to temperature and chemicals		-	paste-like	120 min	8 h	100:50	100:47	2 years	50 ml cartridge 420 ml cartridge
technicoll® 9480	EP	mulitpurpose construction adhesive / transparent / fast curing		glass	viscous	5 min	30 min	100:100	100:100	2 years	24 ml syringe
technicoll® 8301/8302	PUR	paste-like / solvent free / for large areas to be bonded / long pot life	metals (blank) / ceramics, stone, concrete / GRP, CRP, SMC / ABS, PMMA, PC, PVC-u / derived timber products / painted and coated surfaces	XPS	paste-like	90 min	10 h	-	100:15	2 years	7 kg / 1.1 kg can
technicoll® 9430-1	PUR	crystal clear / transparent / fast curing / flexible / high UV resistance		glass	viscous	6 min	30 min	100:100	-	1 year	50 ml cartridge
technicoll® 9403	MMA	high performance structural adhesive / very fast curing / high temperature resistance		glass	viscous	3 min	15 min	100:100	-	6 months	50 g cartridge
technicoll® 9408-1	MMA	multipurpose structural adhesive / fast curing / high temperature resistance	metals (blank) / ceramics, stone, concrete / thermosets, e.g. GRP, CRP, SMC / thermoplastic polymers, e.g. ABS, PC, PVC-u / derived timber products / painted and coated surfaces	PMMA, PA, PS, PUR, PET	paste-like	6 min	20 min	100:100	-	6 months	50 ml cartridge 400 ml cartridge
technicoll® 9409-1	MMA	multipurpose structural adhesive / high temperature resistance		PMMA, PA, PS, PUR, PET	paste-like	15 min	50 min	100:100	-	6 months	50 ml cartridge 400 ml cartridge
technicoll® 9410	MA	special adhesive for substrates difficult to be bonded / viscous / fast curing		thermoplastic polymers like PE, PP, POM, PC, PMMA, PS	viscous	4 min	40 min	10:1	-	9 months	50 ml cartridge
technicoll® 9411	MMA	coplastic / black / fast curing / very high temperature resistance		PMMA, PA, PS, PUR, PET	thixotropic	6 min	20 min	10:1	8.7:1	6 months	50 ml cartridge 490 ml cartridge
technicoll® 9720	MS	neutral cross linking hybrid adhesive / flexible / fast curing	metal / stone, concrete, gypsum, fibre cement / ceramics / glass / plastics / derived timber products		paste-like	30 min	2-3 h	-	-	9 months	280 ml cartridge

Abbreviations: ABS: acrylonitrile butadiene styrene, CA: cyanoacrylate, CRP: carbon-fibre reinforced plastic, DPL: decorative plastic laminate, EP: epoxy, EPDM: ethylene propylene diene terpolymer, GRP: glass-fibre reinforced plastic, HPL: high pressure laminate, MMA: methylmethacrylate, MS: silane terminated polymers, PA: polyamide, PC: polycarbonate, PE: polyethylene, PET: polyethylene terephthalate, PMMA: polymethylmethacrylate, POM: polyoxymethylene, PP: polypropylene, PS: polystyrene, PUR: polyurethane, PVC: polyvinyl chloride, SAN: styrene acrylonitrile copolymer, SMC: sheet moulding compound, TPE: thermoplastic elastomer, XPS: extruded polystyrene-rigid foam, n.a.: not applicable  
\*depending on temperature, substrate and quantity of adhesive | \*\*available at the time going to press, occasionally further packaging available