

Wacker Elastosil RTV-1 Product overview

Products	Technical data			Tensile strength	Elongation at break	Resistance	Product properties	
	Tear strength	Viscosity, dynamic	Hardness Shore A				Regulation	Product Rheology
ELASTOSIL® A 2000	-	-	45 _[1]	2.1 N/mm ² _[7]	300 % _[14]	-	-	Thixotropic, Non-slump
ELASTOSIL® A 4	-	21000 cP _[22]	50 _[1]	-	100%	-	-	-
ELASTOSIL® A 442	-	-	18 _[2]	-	800 % _[15]	-	-	-
ELASTOSIL® A07 TRANSLUCENT	4.0 N/mm _[39]	8000 mPa·s _[23]	20 _[3]	1.5 N/mm ² _[8]	300 % _[16]	-	Solvent-based	Flowable
ELASTOSIL® A234 WHITE	3.5 N/mm _[39]	25000 mPa·s _[24]	35 _[3]	2.5 N/mm ² _[8]	200 % _[16]	Heat resistant	-	-
ELASTOSIL® A316	-	-	15 _[3]	0.8 N/mm ² _[8]	200 % _[16]	-	-	-
ELASTOSIL® A33 IVORY	7.8 N/mm _[40]	1000000 mPa·s _[25]	28 _[3]	2.5 N/mm ² _[8]	300 % _[16]	Oil resistant	-	Non-slump
ELASTOSIL® A59 GRAY	3.0 N/mm _[39]	40000 mPa·s _[26]	20 _[3]	1.2 N/mm ² _[8]	300 % _[16]	Oil resistant, Heat resistant	-	Self-levelling
ELASTOSIL® E 951	-	400000 cP _[22]	30 _[4]	-	-	-	-	-
ELASTOSIL® E10 ROT	8.0 N/mm _[39]	-	25 _[3]	2.5 N/mm ² _[9]	300 % _[17]	Heat resistant	Solvent-free	Flowable
ELASTOSIL® E11 TRANSPARENT	-	10000 mPa·s _[27]	26 _[5]	2.1 N/mm ² _[9]	275 % _[17]	-	Solvent-free	Flowable
ELASTOSIL® E14 Red	7 N/mm _[39]	-	32 _[3]	2.5 N/mm ² _[8]	400 % _[16]	Heat resistant	MIL-A 46106 grade	Non-slump
ELASTOSIL® E209	-	approx. 25000 mPa·s _[28]	30 _[3]	-	-	-	-	-
ELASTOSIL® E303 TRANSLUZENT	-	-	30 _[3]	5 N/mm ² _[10]	400 % _[18]	-	Solvent-based	-
ELASTOSIL® E4	7.3 N/mm _[39]	-	15 _[3]	2 N/mm ² _[11]	750 % _[19]	-	-	Non-slump
ELASTOSIL® E41 TRANSPARENT	11.5 N/mm _[39]	100000 mPa·s _[29]	40 _[3]	6.0 N/mm ² _[11]	350 % _[19]	-	-	Self-levelling
ELASTOSIL® E43 BLACK	11.5 N/mm _[39]	250000 mPa·s _[24]	30 _[3]	6.5 N/mm ² _[12]	500 % _[20]	-	Solvent-free	-
ELASTOSIL® E43 N BLACK	-	-	30 _[3]	7.5 N/mm ² _[8]	500 % _[16]	-	-	Thixotropic
ELASTOSIL® E43 N TRANSPARENT	-	-	30 _[3]	7.8 N/mm ² _[8]	450 % _[16]	-	-	Thixotropic
ELASTOSIL® E43 TRANSPARENT	11.5 N/mm _[39]	250000 mPa·s _[30]	30 _[3]	6.50 N/mm ² _[11]	500 % _[19]	-	Solvent-free	-
ELASTOSIL® E47 TRANSPARENT	10 N/mm _[39]	600000 mPa·s _[30]	37 _[3]	4.5 N/mm ² _[12]	450 % _[20]	-	MIL-A 46106 grade	Non-slump, Thixotropic

ELASTOSIL® E50 N TRANSPARENT	-	-	35 _[3]	2.6 N/mm ² _[8]	200 % _[16]	-	MIL-A 46106 grade	-
ELASTOSIL® E50 TRANSPARENT	5.0 N/mm _[39]	50000 mPa·s _[31]	35 _[3]	1.5 N/mm ² _[8]	150 % _[16]	-	MIL-A 46106 grade	Self-levelling
ELASTOSIL® E6 N CSC	-	-	32 _[3]	2 N/mm ² _[8]	150 % _[16]	Provides excellent water repellency	Solvent-free	-
ELASTOSIL® E60 N BLACK	-	-	30 _[3]	2.1 N/mm ² _[8]	200 % _[16]	-	-	-
ELASTOSIL® E60 N GREY	-	-	32 _[3]	3.0 N/mm ² _[8]	250 % _[16]	-	-	-
ELASTOSIL® E60 N RED	-	-	32 _[3]	3.2 N/mm ² _[8]	250 % _[16]	-	-	-
ELASTOSIL® E91 TRANSPARENT	-	125000 mPa·s _[32]	20 _[3]	1.2 N/mm ² _[8]	350 % _[16]	-	Solvent-free	Self-levelling
ELASTOSIL® E92 N TRANSPARENT	-	115000 mPa·s _[32]	20 _[3]	1.5 N/mm ² _[8]	350 % _[16]	-	Solvent-free	Self-levelling
ELASTOSIL® N 2010	-	10.000 mPa·s _[33]	25 _[3]	1 N/mm ² _[9]	200 % _[18]	-	-	Shear thinning, Self-levelling
ELASTOSIL® N 2034	-	30000 mPa·s _[30]	35 _[3]	2 N/mm ² _[9]	200 % _[18]	-	Flame retardant	-
ELASTOSIL® N 2076	-	-	36 _[3]	1.6 N/mm ² _[8]	150 % _[16]	-	Flame retardant	Flowable
ELASTOSIL® N 2137	9.5 N/mm _[39]	-	40 _[3]	2.3 N/mm ² _[8]	400 % _[16]	Oil resistant	-	Thixotropic
ELASTOSIL® N 2189	5.0 N/mm _[39]	250000 mPa·s _[30]	45 _[3]	1.5 N/mm ² _[9]	200 % _[18]	Oil resistant, Heat resistant	Flame retardant	Non-slump
ELASTOSIL® N 2199	6.5 N/mm _[39]	2500000 mPa·s _[24]	30 _[3]	2.5 N/mm ² _[9]	400 % _[18]	-	MIL-A 46106 grade	Non-slump
ELASTOSIL® N9111 BLACK	8.5 N/mm _[40]	1000000 mPa·s _[30]	30 _[3]	2.0 N/mm ² _[9]	450 % _[17]	-	Flame retardant	Non-slump, Thixotropic
ELASTOSIL® N9111 GREY	10 N/mm _[40]	1000000 mPa·s _[30]	30 _[3]	2.2 N/mm ² _[9]	500 % _[17]	-	-	Non-slump, Thixotropic
ELASTOSIL® N9111 WHITE	10 N/mm _[40]	900000 mPa·s _[24]	30 _[3]	2.20 N/mm ² _[9]	500 % _[17]	-	Flame retardant	Non-slump, Thixotropic
ELASTOSIL® SOLAR 1101	-	-	30 _[3]	2 N/mm ² _[8]	400 % _[16]	-	-	Thixotropic
ELASTOSIL® SOLAR 1109 BLACK	-	-	32 _[3]	2.5 N/mm ² _[8]	420 % _[16]	-	-	Thixotropic
ELASTOSIL® SOLAR 1109 WHITE	-	-	32 _[3]	2.3 N/mm ² _[8]	425 % _[16]	-	-	Thixotropic
POWERSIL® 567	9.0 N/mm _[39]	1400 mPa·s _[34]	45 _[3]	3.0 N/mm ² _[8]	250 % _[16]	-	-	-

POWERSIL® 577 PLUS	-	350000 mPa·s ^[35]	-	-	-	-	Solvent-free	-
POWERSIL® 590	-	-	-	-	-	-	-	Flowable
POWERSIL® INSULATOR FINISH	5.0 N/mm ^[39]	200000 mPa·s ^[36]	-	1.4 N/mm ² ^[8]	500 % ^[16]	Resistant to tracking and erosion	-	Self-levelling
POWERSIL® N 553 DARKGREY	9.0 N/mm ^[39]	4000 mPa·s ^[26]	60 ^[3]	3.0 N/mm ² ^[8]	100 % ^[16]	-	-	-
SEMICOSIL® 960 RED	-	4000 mPa·s ^[37]	25	-	-	-	-	-
SILPURAN® 4200	10 N/mm ^[41]	250000 mPa·s ^[38]	35 ^[6]	5.5 N/mm ² ^[13]	300 % ^[21]	-	Food-contact	-