WACKER

CREATING TOMORROW'S SOLUTIONS

ELASTOSIL®

PRODUCT OVERVIEW

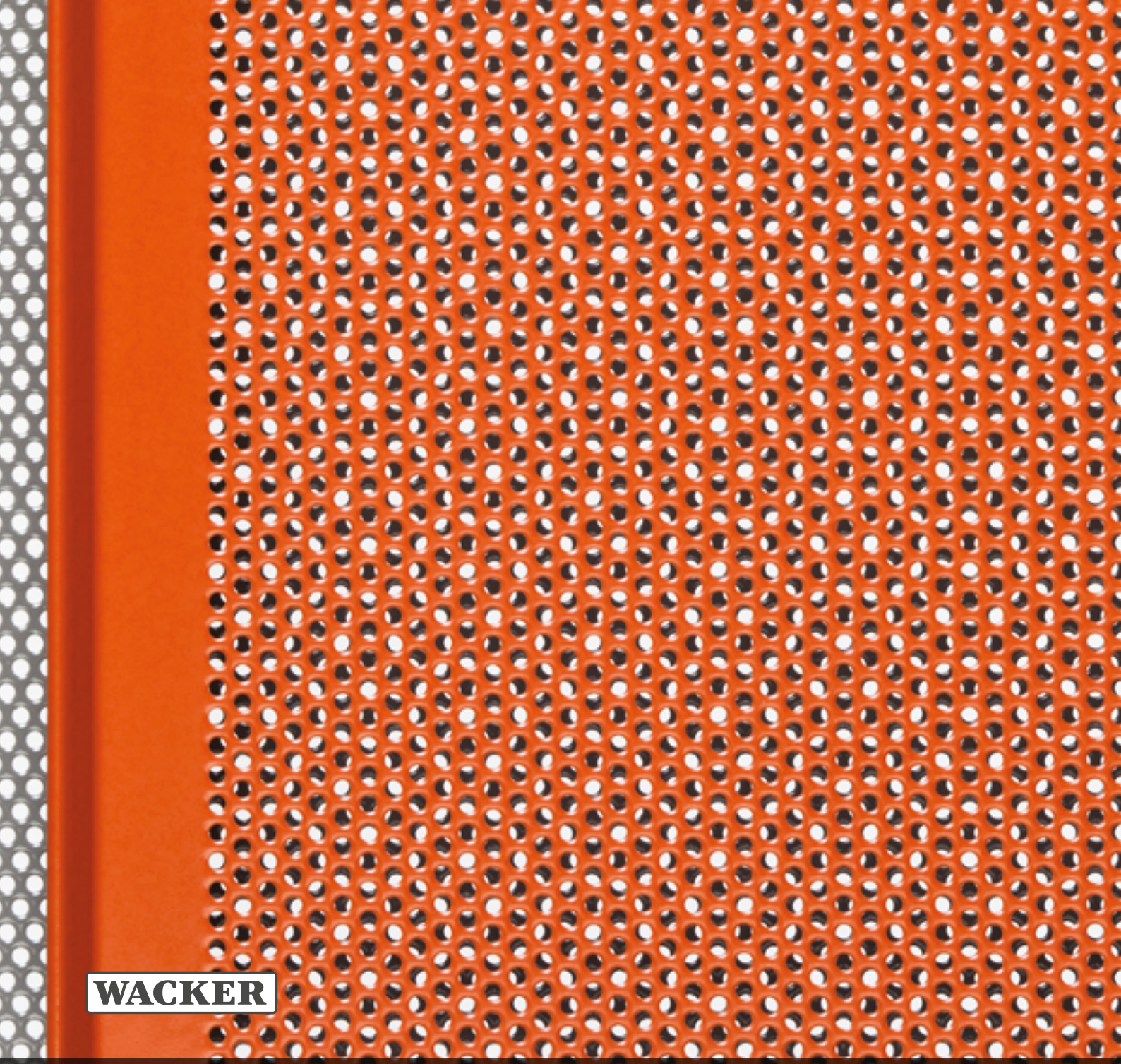
INDUSTRIAL COATING OR SEALING APPLICATIONS

Flowable RTV silicone grades (self-adhesive)

Main characteristics Brand/ Product	Product type / curing system	Shrink-free curing	By-product of curing	Additional features	Food compli-ance	Viscosity [mPa·s]	Potlife or skin forming time	Hardness [Shore A]	Tensile strength [MPa]	Elongation at break [%]	Tear strength [N/mm]	Density, cured [g/cm³]	Recommended max. service temperature [°C]	Aspect / color	Main characteristics Brand/ Product
Self-adhesive after curing at room temperature															**Self-adhesive after curing at room temperature**
General purpose															**General purpose**
ELASTOSIL® A 07	RTV-1 / condensation cure		Amine	Solvent based		8,000	3 min	20	1.5	300	4.0	1.02	200	Translucent	ELASTOSIL® A 07
ELASTOSIL® E 41	RTV-1 / condensation cure		Acetic acid	Solvent based		65,000	15 min	40	6.0	350	11.5	1.12	180	Translucent	ELASTOSIL® E 41
ELASTOSIL® E 50 N	RTV-1 / condensation cure		Acetic acid	Titanium catalyzed	X	50,000	10 min	35	1.5	150	5.0	1.07	180	Transparent	ELASTOSIL® E 50 N
ELASTOSIL® E 303	RTV-1 / condensation cure		Acetic acid	Solvent based		500	5 min	30	5.0	400		0.90	180	Translucent	ELASTOSIL® E 303
ELASTOSIL® N 2010	RTV-1 / condensation cure		Alcohol			15,000	20 min	25	1.0	200		1.01	180	Translucent	ELASTOSIL® N 2010
ELASTOSIL® RT 745 T	RTV-2 / platinum cure (A/B 1:1)	X				1,000	4 h	5	1.0	100		0.97	160	Brownish	ELASTOSIL® RT 745 T
Heat resistance															**Heat resistance**
ELASTOSIL® A 234	RTV-1 / condensation cure		Amine			35,000	15 min	36	2.5	200	3.7	1.19	230	White	ELASTOSIL® A 234
ELASTOSIL® A 316	RTV-1 / condensation cure		Amine	Solvent based		500	5 min	15	0.8	200		1.02	180	Translucent	ELASTOSIL® A 316
ELASTOSIL® A 59	RTV-1 / condensation cure		Amine	Oil resistant		60,000	45 min	20	1.2	300	3.0	1.43	210	Gray	ELASTOSIL® A 59
ELASTOSIL® E 10	RTV-1 / condensation cure		Acetic acid			8,000	10 min	25	2.5	300	7.3	1.10	250	Red	ELASTOSIL® E 10
ELASTOSIL® E 60 N	RTV-1 / condensation cure		Acetic acid	Titanium catalyzed	X	80,000	5 min	35	2.5	250		1.07	230	Black / gray / red	ELASTOSIL® E 60 N
ELASTOSIL® RT 772	RTV-2 / condensation cure (Base + Catalyst 10:1)*		Alcohol			35,000	5 min / 10 min *	35	2.2	200		1.26	230	Black	ELASTOSIL® RT 772
Flame Retardant															**Flame Retardant**
ELASTOSIL® N 2034	RTV-1 / condensation cure		Alcohol			25,000	20 min	35	2.0	200		1.16	180	Black	ELASTOSIL® N 2034
ELASTOSIL® N 2076	RTV-1 / condensation cure		Alcohol	EN 45545 compliant		150,000	15 min	36	1.6	150		1.30	180	Anthracite	ELASTOSIL® N 2076
Self-adhesive after curing at elevated temperature															**Self-adhesive after curing at elevated temperature**
General purpose															**General purpose**
ELASTOSIL® RT 720	RTV-2 / platinum cure (A/B 10:1)	X				30,000	6 h	35	5.0	200		1.13	180	Gray	ELASTOSIL® RT 720
Heat resistance															**Heat resistance**
ELASTOSIL® RT 705	1-component heat-curing / platinum cure	X				72,500	6 months	42	3.5	200	3.5	1.24	230	Black	ELASTOSIL® RT 705
ELASTOSIL® RT 706	1-component heat-curing / platinum cure	X				15,000	6 months	30	2.5	200		1.23	210	Red	ELASTOSIL® RT 706
ELASTOSIL® RT 707 W	1-component heat-curing / platinum cure	X				60,000	6 months	42	3.3	270		1.18	230	White	ELASTOSIL® RT 707 W
ELASTOSIL® RT 708	1-component heat-curing / platinum cure	X		UV fluorescent		75,000	6 months	42	3.5	300		1.36	230	Dark gray	ELASTOSIL® RT 708

* base component to be combined with WACKER® Catalyst T 77 or WACKER® Catalyst T 77 PLUS (please see the corresponding technical data sheet for details)

Note: these figures are intended as a guide and should not be used in preparing specifications.



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